VIS	SUAL INSPECTION					
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection date project area. Indicat Describe in commen	e <u>4/0 Z</u> te whether or not the	- Che se features app	eck below to indicate if any ear to present a potential h	of these features are present in the imazardous waste problem. Attach photo	nmediate ographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds			Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D	
2b.	Contamination Surface staining Oil sheen Odors	Y N Unk Y		Vegetation damage	Potential Problem Y N Unk Y N	
IN٦	TERVIEWS .					
1.	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview	SSESSMENT a	CON DUC TOO	W/IN PUBLIC MES	- \$	
Nar	ne of Person]	Date	Telephone Number	Position/Title	

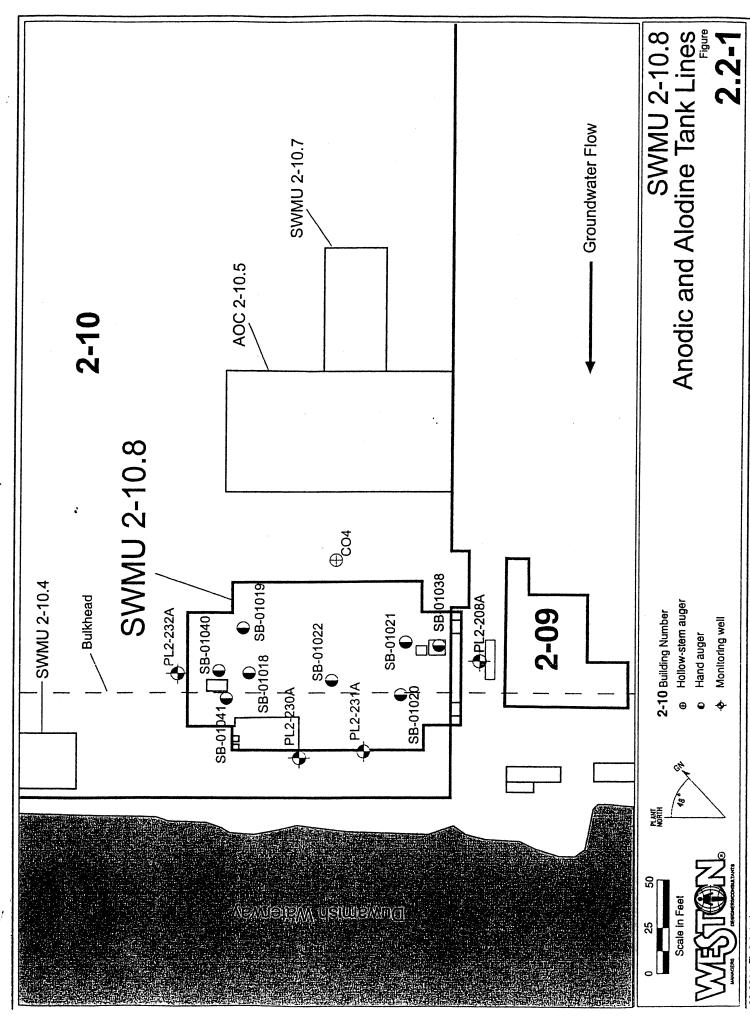
SITE MAP SKETCH - SEE PHOTOGRAPHS -

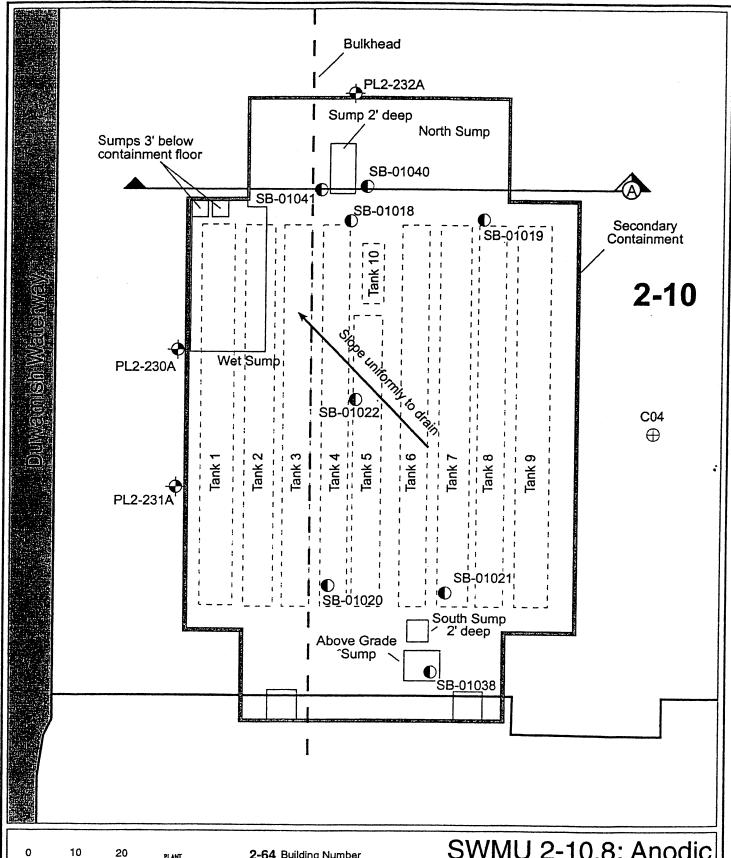
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COMMENTS (Add pages if required) TAKR 5/02 LENSE RASKIN	EUT	PROPERTY
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ANT GONTAMINATOR - LOWER DUWMISH WATER	esse L	A NPL SITE
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LIOT OF ATTACHMENTO COLUMN		
LIST OF ATTACHMENTS PHOTO S		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	☐ Yes
Should the project include any specifications?	□ No	☐ Yes – specify
Are special acquisition considerations recommended?	□ No	☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☐ Yes

T.S. WILBUR - Pross, WILBUR CONSULTING ING.
Name and Title (print)

Signature

Study Area	Location	Reference	Reference Elevation	Total Depth	Depth to	Depth to	Depth to	Water Level
			Accuracy	(£).	TOS (#)	BOS (ft)	Water (ft)	Elevation**
Beeing, Plant 2	28-03	15.0	က	89			9.50	5.50
Beeing, Plant 2	28-04	13.1	2	20	9	4		2.02
Boeing, Plant 2	28-05	13.1	2	94.4	88			08.0
Boeing, Plant 2	28-07	13.2	74	95.7	85	96		1.30
Beeing, Plant 2	29-05	15.0	m	101.5			14.00	1.00
Boeing, Plant 2	29-10	13.7	7	61.5	45	09		1.10
Boeing, Plant 2	29-11	13.7	2	61.5	45	90	12.84	0.32









2-64 Building Number

- Hand Auger
- Monitoring Well
- ⊕ Hollow-stem Auger

SWMU 2-10.8: Anodic and Alodine Tank Line Plan

2.39 OA 4 SCATTERED PCB EXCEEDANCES

Background

OA 4 consists of relatively low concentrations of PCBs in shallow surface soil at scattered locations on the Facility (Figure 2.39-1). During pre-RFI investigations, several shallow soil samples containing low concentrations of PCBs were identified under paved areas surrounding Buildings 2-10 and 2-15, and immediately north of Building 2-31. The origin of the PCBs is unknown, and PCBs were not considered to be potential constituents of concern at any of the units in the vicinity of these areas.

Nature and Extent

Soil

Ten soil borings around the area were analyzed for PCBs (Figure 2.39-1). The borings were located in four general areas: (1) in one soil boring (G10) located in the parking lot immediately north of Building 2-10, (2) in two soil borings (G02 and G03) in the roadway located to the south of Building 2-10, (3) in three soil borings (SB-00901, SB-00902, and SB-00903) located near Building 2-09 (OA 8), and (4) in four borings (SB-03112, SB-03117, SB-03118, and SB-03119) in the former acid waste hold tank area (SWMU 2-31.18) located in the north-central portion of Building 2-31. These samples were collected over a period from February 1992 to March 1995. Analytes included VOCs, BNAs, PCBs, TPH, and inorganics; however, analytes other than PCBs were not potential constituents of concern at this unit. These analyses were performed in conjunction with other units, so many constituents were analyzed. The results of the soil analyses are presented in Table 2.39-1.

No VOCs, BNAs, or TPH were detected at concentrations greater than the PMCLs.

PCBs (Aroclor 1260) were above the PMCL (33 μ g/kg) in G02 (1,100 μ g/kg) at a depth of 1 foot, G03 (220 μ g/kg) at a depth of 1 foot bgs, G10 (98 μ g/kg) at a depth of 1 foot bgs, SB-00901 (180 μ g/kg) inside the former chrome waste tank area in Building 2-09 (OA 8) at a depth of 1.5 feet bgs, SB-00903 (51 μ g/kg) at 2 feet bgs, and in SB-03112 (1,300 and 570 μ g/kg) inside the former acid waste hold tank area (SWMU 2-31.18), at a depth of 6 and 8 feet bgs, respectively. The maximum concentration (1,300 μ g/kg) was detected in SB-03112 at 6 feet bgs.

Several inorganics were detected at concentrations greater than PMCLs. However, most of these results will not be discussed in detail because inorganics were not potential constituents of concern at this unit, and the majority of these inorganics results are discussed as part of other units in this report. For example, the inorganics sample results for the area near Building 2-09 are discussed as a part of OA 8. The inorganics sample results for the area in Building 2-31 are discussed as a part of SWMU 2-31.18. The individual metal results associated with samples G10, G02, and G03, however, are discussed below, as these sample locations are not associated with other SWMUs/AOCs/OAs.

Cadmium was detected at a concentration greater than the PMCL (1.28 mg/kg) in G03 at 1.6 mg/kg. Mercury was detected at a concentration greater than the PMCL (0.07 mg/kg) in G03 at 0.19 mg/kg and 1.62 mg/kg and in G10 at 0.09 mg/kg. Nickel was detected at a concentration greater than the PMCL (38.2 mg/kg) in G10 at 130 mg/kg. Zinc was detected at a concentration greater than the PMCL (107 mg/kg) in G02 at 201 mg/kg, G03 at 155 mg/kg, and in G10 at 901 mg/kg.

Groundwater

Groundwater sampling was not conducted at this OA because PCBs (the potential constituents of concern for this OA) tend to be found most readily in soil (due to their high affinity for soil). Therefore, soil sampling was adequate to characterize the OA.

Discussion

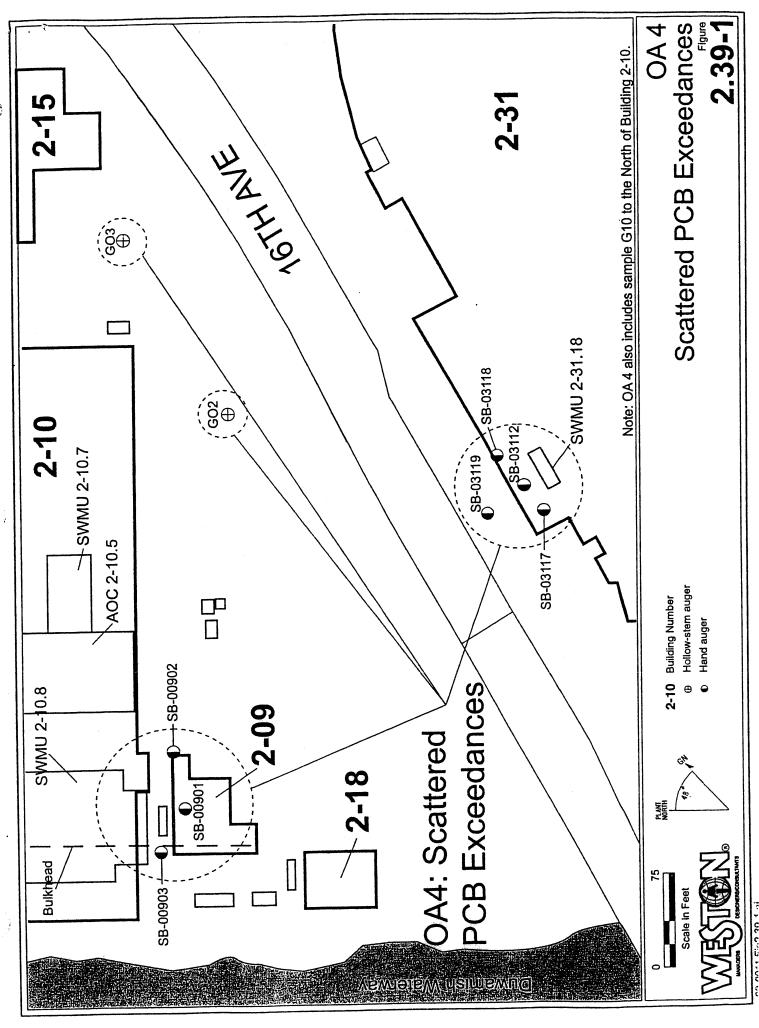
Soil samples collected from 10 soil borings in this area were analyzed for PCBs. The results indicated scattered locations where PCB concentrations were above the PMCLs.

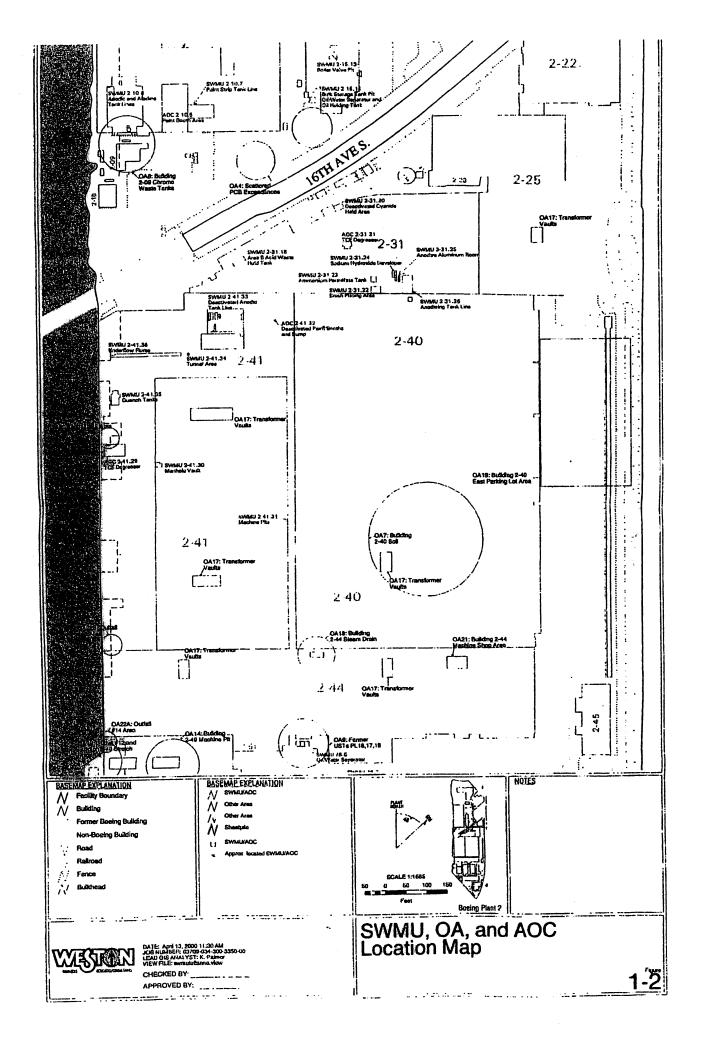
In most cases, the extent of PCB concentrations above PMCLs is discontinuous, indicating no single release point. In the cluster of four borings located near SWMU 2-31.18, two samples (6 feet and 8 feet bgs) from SB-03112 contained concentrations of PCBs detected above the PMCL. The extent of PCBs appears limited based on the undetected concentrations in the samples from the other borings, which are located within 20 feet to the northeast, northwest, and west. The extent of PCB exceedances to the southeast is unknown.

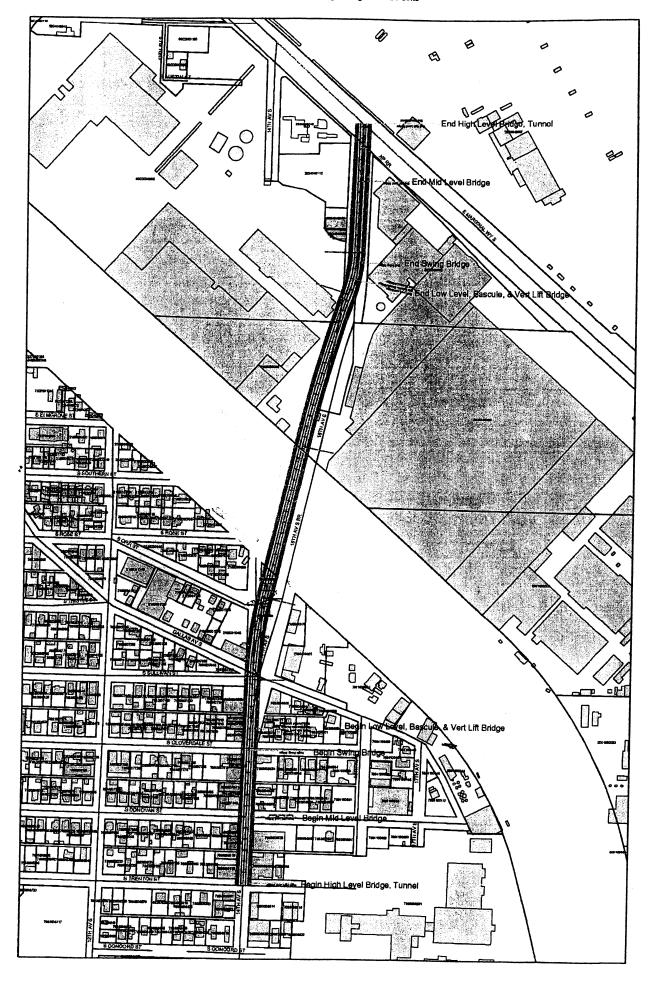
SB-00901 and -00903 (two of the three borings in the vicinity of Building 2-09) contained PCB concentrations at 5.5 and 1.5 times the PMCLs, respectively, in near-surface samples. Deeper samples from these borings contained undetected concentrations, indicating a limited vertical extent. The horizontal extent is unknown.

The sources of PCBs and inorganics detected in these areas are unknown; they may have been from discrete incidental releases or imported fill. The concentrations are generally within an order of magnitude of the soil PMCL, though the two highest PCB concentrations, 1,100 μ g/kg in G02, and 1,300 μ g/kg detected at 6 feet bgs in SB-03112, are 40 times the PMCL. These scattered single locations are not believed to be the result of a release from a known source and, as such, are likely limited in size.

These scattered locations contain PCBs and inorganics in low concentrations indicating non-point source releases. Fate and transport modeling is being completed to determine PCB cleanup levels. Depending upon the cleanup level, additional soil samples may need to be collected prior to completing the CMS to define the area of PCB impacted soil.







Initial Site Assessment Checklist

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT (1	Project No.: Work Order:
Project Name: SOUTH PARK Z	RIOLA	Region:	Route No.:
Milepost begin:	Milepost end:	County Nar	me: _ <i>KIN</i> 4
Location and Work Description: _77	IE BUEING GOMPAN BOL, AIRGNANT MAN	7 PROPERTY WE IVENCTURING, MA	LATED ON SOUTH SIDE 16 AND CHING SHOP.
PROJECT FEATURES (Check	"yes" if the answer is maybe)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No - I ☐ Yes ☐ No - I	Easements Dewatering required	☐ Yes ☐ No - Excavation☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	□ rural □ mixed ☑ urban		
2a. What is the current land use? ☐ Industrial AIR CASE Mu ☐ Light Industrial			Residential Dther
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial ☐ Agricultural /134	DR	desidential □ Other
Which of the following records/info Describe data in comments or att.		this assessment?	•
Federal ☑ NPL □ CERCLA ☑ RCRA Lists □ Permits □ Other	State C Ecology Hazardous Site Li Confirmed and Suspected LUST Lists Other	Contaminated Sites Rep	Local/Regional ☐ Air Pollution Control Authority orts ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	Name 1934 1947	Historical Sources Fire Insurance Maps S Title Records Business/Street Direct	Source
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other			4
4. Are any known hazardous waste s □ No □ Yes – identify and explain 3		, , ,	
NOTE If there is potential for hazardo photograph(s) with the potenti	us waste involvement, use the al hazardous waste site(s) iden		a sketch map, quad map, or attach

/19	SUAL INSPECTION								
1.	Was a visual inspection No – Why not? Yes – Inspection date project area. Indicat Describe in comment	e <u>4/</u>	02	C features a	Check below to indi ppear to present a	cate if any o	of these feature zardous waste	es are present in problem. Attac	n the immediate ch photographs.
?a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	0 4 4 0 4 4 0 0 4 0	Unk Y		Piles Transformers Chemical sto Service statio Landfill	rage		- D B	
b.	Contamination Surface staining Oil sheen Odors		Unk Y	al Problem N	Vegetation d	amage 		Potential Problem Y N	
N.	TERVIEWS								
	Were interviews conduct ☐ No – Why not? ☐ Yes – Attach interview		ndum.		:				·
Vai	me of Person		Da	te 	Telephone Num	nber 		Position/Title	

COMMENTS (Add pages if required) NOT A TAKE PROPERTY		
HIGH POTENTAL FOR SUBSURFACE ENVIRON.	MENT	AL ISSUES
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		•
LIST OF ATTACHMENTS - PHOTOS		
LIST OF ATTACHMENTS — THE DES		
INITIAL SITE ASSESSMENT CONCLUSION	į.	
Does the project have potential hazardous waste involvement?	□ No	면 Yes
Should the project include any specifications?	□ No	☐ Yes – specify
Are special acquisition considerations recommended?	□ No	T Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	Œ1Ño	☐ Yes
J.S. WILBUR - PRES. WILBUR CONSULTING IN	' .	
Name and Title (print)		
	_	× 6 /
JSM-		1/20/02
Signature	Date	

SITE 7

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPORTATION INITIAL SITE ASSESSMENT CHECKLIST	N Project No.: Work Order:
Project Name: SOUTH PANK BRIDGE	Region: Route No.:
Milepost begin:Milepost end:	County Name: KM4
Location and Work Description: PROPERTY 50-TH OF MACHINE STUPS, P.	ROPATA BOUNDAM BURA DUNAMISH WARREWA
PROJECT FEATURES (Check "yes" if the answer is maybe	e)
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - ☐ Yes ☐ No - Relocate utilities ☐ Yes ☐ No -	Easements
HAZARDOUS WASTE SCREENING	
1. What is the project setting? ☐ rural ☐ mixed ☐ urba	n
2a. What is the current land use? ☐ Industrial ☐ AIR CASET MON ☐ Commercial ☐ Light Industrial ☐ Agricultural ☐	☐ Residential ☐ Other ☐ Other ☐ Undeveloped
2b. What Is The Past Land Use? □ Industrial □ □ Commercial □ Agricultural /13	y □ Undeveloped
Which of the following records/information sources were used in Describe data in comments or attach copies. Federal State	n this assessment? Local/Regional
☑ NPL ☑ Ecology Hazardous Site I	List □ Air Pollution Control Authority d Contaminated Sites Reports □ Fire Departments □ City/County Planning
Physical Setting ☑ USGS Topographic Map Quad Name ☑ Aerial Photographs Date(s) /134,47, ☐ Soil/Geologic Maps Source	Historical Sources Fire Insurance Maps Source Title Records Business/Street Directories Source
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessment completed by	WESTON RA BORING
4. Are any known hazardous waste sites adjacent to the project a □ No □ Yes – identify and explain Plant ≥ Reparators.	

NOTE If there is potential for hazardous waste involvement, use the back of this form to draw a sketch map, quad map, or attach photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION								
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection date project area. Indicat Describe in commen	e _ _// te whet	ther or not the	se features	- Check below to indi s appear to present a	cate if any of th potential hazar	lese features ai	re present in the i	immediate otographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	व्वव्व	Pote N Unk Y D	व । व	Piles Transformers Chemical sto Service static Landfill	rage 🗵	N Unk		
2b.	Contamination Surface staining Oil sheen Odors		N Unk Y OF O O	ntial Problem N	Vegetation da	Y amage 🖂	N Unk N	otential Problem Y N	
IN٦	ERVIEWS								
1.	Were interviews conducted? □ No – Why not? □ Yes – Attach interview memorandum.								
Nan	ne of Person		D	ate	Telephone Num	ber	Posi	tion/Title	

SITE MAP SKETCH

S/7E 7 COMMENTS (Add pages if required) NOT A TAKE PROPERTY 7 HIGH POTENTA FOR SUBSINGAIC ENVIRONMENTA ISSURS KNOWN IMPACTS - FURA GORRELTIUR ACTION SON SOIL, 6420 SAD. BURDAIGS BY SHORE UP WONER DUNAMISH WATER WAT LIST OF ATTACHMENTS - 7410705 INITIAL SITE ASSESSMENT CONCLUSION □ No ☐ Yes 1. Does the project have potential hazardous waste involvement? □ No ☐ Yes – specify _ 2. Should the project include any specifications? **□**Yes □ No 3. Are special acquisition considerations recommended? <u>L</u>P/No ☐ Yes 4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?

J.S. WILBUR PRE

PRES. WILBUR CONSULONG WC.

Name and Title (print)

Signature

9/20/02

SITE A JB

Initial Site Assessment Checklist

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Mil	lepost	begin:		Mil	epost end:			County Name:	KING		
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	Yes Yes	□ No - □ No -	New ROW Relocate utili	ies	☐ Yes ☐ Yes	S □ No	EasementsDewatering	required	☐ Yes☐ Yes	☐ No - Excava ☐ No - Railroa	ition d ROV
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		IPL ERCLA ICRA Lists ermits			Écology Haza	d Suspec	ted Contamina	ted Sites Reports	☐ Fire [☐ City/0 ☐ City/0 ☐ Healt	ollution Control A	
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	□ P	egion files hotograph previous	s Initial Site As							- -	
4.		o o			•			nately 1 mile) whic	•		

Exhibit 447-4, Page 1 of 3

VI	SUAL INSPECTION					
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection date project area. Indica Describe in commer	e _ te wh	4/02 nether or no	t these feature	Check below to indicate if a es appear to present a potentia	ny of these features are present in the immediate I hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0	(A)	Potential Problem Y N	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N
2b.	Contamination Surface staining Oil sheen Odors	Y 0 0 0	G -	Potential Problem Y N	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □ □ □
IN'	TERVIEWS					
1.	Were interviews conduct ☐ No – Why not? ☐ Yes – Attach interview		morandum.			
Name of Person Date			Date	Telephone Number	Position/Title	

SITE MAP SKETCH

COMMENTS (Add pages if required)	/
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- NPL 5122	
- HIGH PODENTAL PUENVIOUN MENTON IM	PARTS -
LIST OF ATTACHMENTS	
INITIAL SITE ASSESSMENT CONCLUSION	:
1. Does the project have potential hazardous waste involvement?	□ No □ □ Yes
2. Should the project include any specifications?	□ No □ Yes – specify
3. Are special acquisition considerations recommended?	□ No □ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No 12 Yes
J.S. WILBUR - PRES. WILBUR CONSULTI	UGINC.
Name and Title (print)	
ASM-	9/20/20
	Date
Signature V	

PHASE 1 REMEDIAL INVESTIGATION REPORT DRAFT

For submittal to:

The U.S. Environmental Protection Agency Region 10 Seattle, WA

The Washington State Department of Ecology Northwest Regional Office Bellevue, WA

July 12, 2002

Prepared by: Ward

Port of Seattle | City of Seattle | King County | The Boeing Company

PHASE 1 REMEDIAL INVESTIGATION REPORT DRAFT

OVERSIZE MAPS AND ACCOMPANYING TABLES

For submittal to:

The U.S. Environmental Protection Agency Region 10
Seattle, WA

The Washington State Department of Ecology Northwest Regional Office Bellevue, WA

July 12, 2002

Prepared by: Wind Ward environmental "

Port of Seattle | City of Seattle | King County | The Boeing Company

APPENDIX A.

Phase 1 Scoping-Phase

ECOLOGICAL RISK ASSESSMENT

DRAFT

ATTACHMENT A-1. OVERSIZE MAPS

For submittal to:

The U.S. Environmental Protection Agency Region 10 Seattle, WA

The Washington State Department of Ecology Northwest Regional Office Bellevue, WA

July 12, 2002

Prepared by: Wind Ward environmental 114

APPENDIX B SCOPING-PHASE HUMAN HEALTH RISK ASSESSMENT DRAFT

For submittal to

The US Environmental Protection Agency Region 10 Seattle, WA

The Washington State Department of Ecology Northwest Regional Office Bellevue, WA

July 12, 2002

Prepared by: Wind Ward

Port of Seattle | City of Seattle | King County | The Boeing Company

APPENDIX B.

SCOPING-PHASE

HUMAN HEALTH RISK ASSESSMENT

DRAFT

OVERSIZE GIS MAPS

For submittal to:

The U.S. Environmental Protection Agency Region 10 Seattle, WA

The Washington State Department of Ecology Northwest Regional Office Bellevue, WA

July 12, 2002

Prepared by: Wind Ward environmental III



PENTEC ENVIRONMENTAL

Delivering smarter solutions

Duwamish Sediment Other Area Preferred Remedy and Southwest Bank Interim Measure

ċ

Work Plan

Draft

Boeing Plant 2 Seattle/Tukwila, Washington

Prepared for:

The Boeing Company Seattle, WA

December 15, 2000



Alternative Corrective Measures Evaluation Report

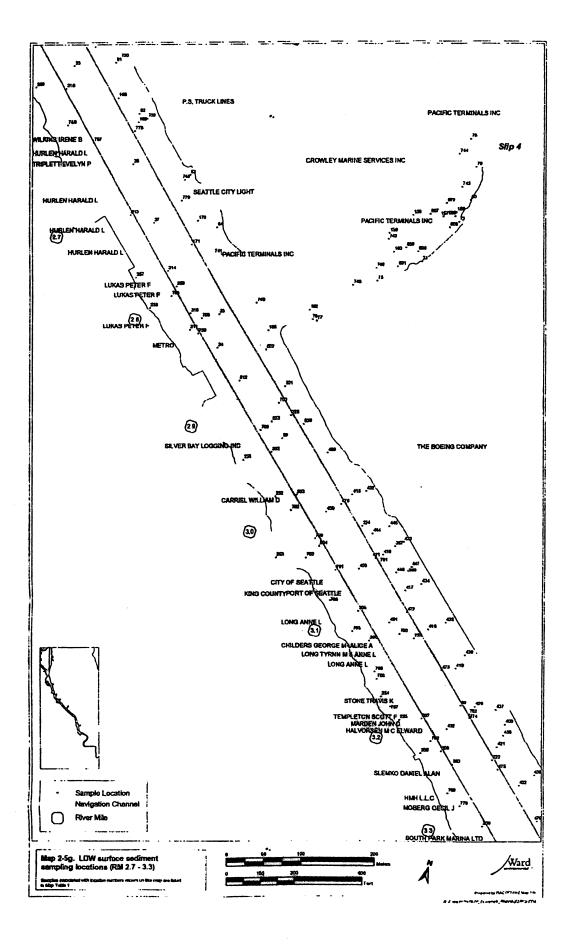
Duwamish Sediment Other Area Preferred Remedy Interim Measure

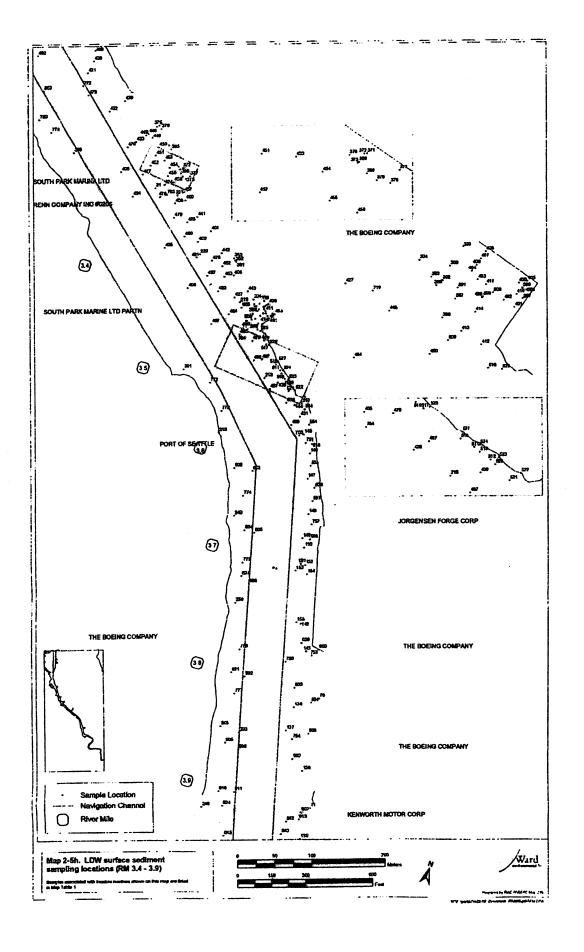
Boeing Plant 2Seattle/Tukwila, Washington

Prepared for:

The Boeing Company Seattle, WA

November 1, 2001





SITE 8

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPO INITIAL SITE ASSESSMENT CHECKLIST	RTATION	Project No.:
Project Name: SOUTH PANK BAIDGE	Region:	Route No.:
Milepost begin:Milepost end:	County Name:	KING
Location and Work Description: 1289 S. ROSK		
PROJECT FEATURES (Check "yes" if the answe	r is maybe)	
四Yes 四No - New ROW 四Yes	□ No - Easements	☐ Yes ☐ No - Excavation
☐ Yes ☐ No - Relocate utilities ☐ Yes	☐ No - Dewatering required	☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREENING		
1. What is the project setting? □ rural □ mixe	ed 🗹 urban	
2a. What is the current land use?		
☐ Industrial BOAT REPAIR 4AND ☐ Comme	ercial	ential □ Other
☐ Light Industrial ☐ Agricult	tural Under	veloped
2b. What Is The Past Land Use?		
☐ Industrial ☐ Comme	ercial Resid	ential Dother
☐ Light Industrial <u>TWC WSAM</u> 1920; ☐ Agricult	tural Li Under	veloped
3. Which of the following records/information sources w Describe data in comments or attach copies.	ere used in this assessment?	
Federal State		Local/Regional
☐ NPL ☐ Ecology Hazar	dous Site List	☐ Air Pollution Control Authority
☐ CERCLA ☐ Confirmed and ☐ RCRA Lists ☐ LUST Lists	Suspected Contaminated Sites Reports	☐ Fire Departments☐ City/County Planning
☐ Permits ☐ Other		☐ City/County Zoning
☐ Other		☐ Health Department ☐ Other
Phys. Lett Coulden	Historical Courses	
Physical Setting USGS Topographic Map Quad Name	Historical Sources ☐ Fire Insurance Maps Sour	rce
Aerial Photographs Date(s)	☐ Title Records	
☐ Soil/Geologic Maps Source	☐ Business/Street Directorie	s Source
Other		
☐ Region files ☐ Photographs		
日A previous Initial Site Assessment completed by _		DUNAMIN WATERWAY 500, mary
☐ Other		
4. Are any known hazardous waste sites adjacent to the	e project area (approximately 1 mile) which	ch may affect the project?
□ No RYos – identify and explain R212 Co. Th. Ed. >		- WAR TO DULLANGE WA
Yes - identify and explain Property Fason WATELWAY. M		
NOTE If there is potential for hazardous waste involvement photograph(s) with the potential hazardous waste		etch map, quad map, or attach

VISUAL INSPECTION								
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection date project area. Indica Describe in commer	ete whethe	70 er or not thes	e features	- Checl	k below to indicate if any or to present a potential l	of the	ese features are present in the immediate dous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds		Unk Y	NUU		Piles Transformers Chemical storage Service stations Landfill	> B O B O O	
2b.	Contamination Surface staining Oil sheen Odors	1				Vegetation damage Naw Assinaur Suraw-	Y 0 0 0	Potential Problem N Unk Y N
INTERVIEWS								
1.	1. Were interviews conducted? TNo – Why not? Yes – Attach interview memorandum.							
Nan	ne of Person			te	Te	elephone Number		Position/Title
		·						

Environmental Procedures Manual M 31-11 July 2001

SITE MAP SKETCH

Exhibit 447-4, Page 2 of 3

511E =

COMMENTS (Add pages if required)

HIGH POTENTIAN FOR SUBSURFACE ENVIRONMENTAL ISSUES LONG HISTORY AS A TROAT REPAIR MARIS
AERIAL PHOTOS SHOW HEAVE STAWING OF GROWN SURFACE
STORM DRIAN CHURCH OF SITE—
STE VISIT POOR HOUSE KEEPING.

LIST OF ATTACHMENTS PHOTOS

NONT

INITIAL SITE ASSESSMENT CONCLUSION							
1. Does the project have potential hazardous waste involvement?	□ No	□Yes					
2. Should the project include any specifications?	□ No	☐ Yes – specify					
3. Are special acquisition considerations recommended?	□ No	☐ Yes					
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☐ Yes					
T.S. WILBUR - PRES. WILBUR CONSULTIN Name and Title (print)	6 NC	-,					
	9	1/20/02					
Signature	Date						

SITE 9

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT C	Project No.: Work Order:			
Project Name: Soum PAn L	BRIDE	_ Region:	Route No.:	
Milepost begin:	Milepost end:	County Name:	KINL	
Location and Work Description:	400 S. THISTIC SM	RCT BOAT POER	SIR TARD W/ OFFICE	
		SMULTURE		
PROJECT FEATURES (Check "	yes" if the answer is maybe	e)		
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No - ☐ Yes ☐ No -	Easements Dewatering required	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW	
HAZARDOUS WASTE SCREEN	NING			
1. What is the project setting?	□ rural □ mixed □ urbar	n		
2a. What is the current land use? ☐ Industrial	☐ Commercial	□ Reside	ential □ Other	
Light Industrial BOAT BRAN	☐ Agricultural		veloped	
2b. What Is The Past Land Use?				
☐ Industrial ☐ Light Industrial	☐ Commercial ☐ Agricultural		ential Dothereloped	
3. Which of the following records/info Describe data in comments or atta		this assessment?		
Federal ☑ NPL □ CERCLA ☑ RCRA Lists	State Ecology Hazardous Site L	Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other	
Physical Setting		Historical Sources		
☐ USGS Topographic Map Quad	Name	Fire Insurance Maps Source	De	
☐ Aerial Photographs Date(s) //9 ☐ Soil/Geologic Maps Source	134,	☐ Title Records ☐ Business/Street Directories Source		
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessme ☐ Other	ent completed by			
4. Are any known hazardous waste si☐ No☐ Yes – identify and explain	tes adjacent to the project are	ea (approximately 1 mile) which	n may affect the project?	
NOTE If there is potential for hazardou photograph(s) with the potentia			etch map, quad map, or attach	

VISUAL INSPECTION							
1.	☐ No – Why not? ☐ Yes – Inspection date	te 4/20 ate whether or not these features		y of these features are present in the immediate hazardous waste problem. Attach photographs.			
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Potential Problem Y N Unk Y N D	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N			
2b.	Contamination Surface staining Oil sheen Odors	Potential Problem Y N Unk Y N	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □			
IN٦	TERVIEWS						
1.							
Nar	ne of Person	Date	Telephone Number	Position/Title			

SITE MAP SKETCH

SITE						
COMMENTS (Add pages if required) TAKE PROPERTY						
HIGH PSTENTIAL FOR SUBSULFACE ENVIR	DUMENTA ISSUED					
LONG HISTORY AS A BOAT REPAIR YAR						
AFRIAL PARTOS SHOW HEROUT STAWING OF GROUND SULAAUC NOTE: SITE HOT LUNKO BY AGENCES						
Alberta so DE FOUSE Chap. DE	/					
NON' NOTE: AGE OF STUDIONICAL PR						
LIST OF ATTACHMENTS THOR						
NONE:						
INITIAL SITE ASSESSMENT CONCLUSION						
Does the project have potential hazardous waste involvement?	□ No □ Yes					
2. Should the project include any specifications?	□ No □ Yes – specify					
Are special acquisition considerations recommended?	□ No □ Yes					
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No 世 Yes					
J.S. WILBUR PRES. WILBUR GONSULTING	- 1016.					
1,3 WILBUR 11035 WILBUR 251030 CIWO	3 (0)					
Name and Title (print)						
Name and little (print)						
Name and Title (print)	9/2/02					
,	1 1					

SITE 10

Initial Site Assessment Checklist

	ASHINGTON DEPARTMENT (ITIAL SITE ASSESSMENT)		V	Project No.: Work Order:		
Pro	oject Name: <u>South PAN</u>	K BRIDGE	_ Region:	Route No.:		
Mil	epost begin:	Milepost end:	County Name:	KING		
Lo	cation and Work Description:	3452 14 AUR. S.	BOAT PO	PARA TAND		
-						
PF	ROJECT FEATURES (Check	"yes" if the answer is maybe	e)			
<u>D</u>	Yes □ No - New ROW Yes □ No - Relocate utilities	☐Yes ☐ No -	Easements Dewatering required	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW		
HA	ZARDOUS WASTE SCREE	ENING				
1.	What is the project setting?	☐ rural ☐ mixed ☐ urbar	1			
2a.	What is the current land use? ☐ Industrial	□ Commercial OAM □ Agricultural	☐ Reside	ential Dthereloped		
2b.	What Is The Past Land Use?					
	☐ Industrial ☐ BONT 1269A	☐ Commercial ☐ ☐ Commercial ☐ ☐ Agricultural ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ Reside	ential □ Other eloped		
3.	-	formation sources were used in tach copies. (NO AGENLY	this assessment?	n PHOTOS, j' connent wano usk)		
	Federal The Property of the P	State Ecology Hazardous Site L	ist I Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority		
	Physical Setting		Historical Sources			
	☐ USGS Topographic Map Quad		☐ Fire Insurance Maps Source			
	☐ Aerial Photographs Date(s) ☐ Soil/Geologic Maps Source ☐	<u>1934,</u>	☐ Title Records ☐ Business/Street Directories Source			
	Other Region files Photographs A previous Initial Site Assessm Other	nent completed by				
4.	Are any known hazardous wastes ☐ No ☐ Yes – identify and explain ☐ □		•	may affect the project?		
NO	TE If there is potential for hazardo	ous waste involvement, use the	back of this form to draw a ske			

VISUAL INSPECTION								
1.	☐ No – Why not? ☐ Yes – Inspection date	e 4/10 te whether or not		- Check below to indicate if any of these features are present in the immediate appear to present a potential hazardous waste problem. Attach photographs.				
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y D D D D D D D D D D D D D D D D D D D		Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D			
2b.	Contamination Surface staining Oil sheen Odors	Y N Unk		Vegetation damage NEW ASPHMT	Potential Problem Y N Unk Y N			
IN	INTERVIEWS							
1.	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview	NO ONE h	INS PRISENT	e Boat 4sus	DIMING SINE VISIT.			
Nar	ne of Person		Date	Telephone Number	Position/Title			

SITE MAP SKETCH

SINE 10 COMMENTS (Add pages if required) A TAKE PROPERTY HIGH POTENTIAL FOR SUBSURFACE ENVIRONMENDAL LSTURS LONG HISTORY AS & BOAT REPAIR YMAS AFRIM PHOTO SHOW HEAVY STAWWG OF GROUND SIRRAUR NOTE: SITE NOT LINTED BY AGENCIES LIST OF ATTACHMENTS - PHOTOS NONE: INITIAL SITE ASSESSMENT CONCLUSION ☐ Yes 1. Does the project have potential hazardous waste involvement? □ No 2. Should the project include any specifications? ☐ Yes - specify _ □ No ☐ Yes 3. Are special acquisition considerations recommended? □ No □ Yes 4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? □ No

I.S. WILBUR __ Press. WIUBUR GONSULTING INC. Name and Title (print)

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPO INITIAL SITE ASSESSMENT CHECKLIST	ORTATION	Project No.:
Project Name: South PANIC BMOCC	Region:	Route No.:
Milepost begin:Milepost end:	County	Name: KINC
Location and Work Description: 1401 South	THISTER STIKET	HOUSE W/ A JUNK YMAS -
PROJECT FEATURES (Check "yes" if the answ	er is maybe)	
☐Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities ☐ Yes	No - Easements No - Dewatering required	☐ Yes ☐ No - Excavation☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREENING		
1. What is the project setting? □ rural □ mix	xed 🗖 urban	
	nercial	日 Residential 日 Other コルル ャルーコレー Undeveloped
2b. What Is The Past Land Use? □ Industrial □ □ Comm □ Light Industrial □ □ Agricu	nercial [Y Residential Ø Other - TVN IC YAMA Undeveloped
□ RCRA Lists □ LUST Lists	TE NOT LISTED BY AGE	Local/Regional ☐ Air Pollution Control Authority
Physical Setting ☐ USGS Topographic Map Quad Name ☐ Aerial Photographs Date(s) /534, ☐ Soil/Geologic Maps Source	Historical Sources Fire Insurance Ma Title Records Business/Street D	irectories Source Polic
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessment completed by ☐ Other		
 4. Are any known hazardous waste sites adjacent to th ☐ No ☐ Yes – identify and explain Dumanism waste involvem NOTE If there is potential for hazardous waste involvem	ent, use the back of this form to d	n4/
photograph(s) with the potential hazardous wast	e site(s) identified.	

Environmental Procedures Manual M 31-11 July 2001

Exhibit 447-4, Page 1 of 3

VIS	SUAL INSPECTION			
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection date project area. Indicat Describe in commen	e 4/202 - (te whether or not these features a	Check below to indicate if any appear to present a potential h	of these features are present in the immediate hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N
2b.	Contamination Surface staining Oil sheen Odors	Potential Problem Y N Unk Y N	Vegetation damage	Potential Problem Y N Unk Y N O O O O O O O O O O O O O O O O O O
IN'	TERVIEWS			
1.	Were interviews conduct ☑ No – Why not?	O ONE PRESENT DIZING	SIM VISIT.	
Nar	ne of Person	Date	Telephone Number	Position/Title

SITE 11		
COMMENTS (Add pages if required)		
HIGH POTENTIAL FOR SUBSULFACE ENVIR	on~ E	NAM ISSUES -
YUNK YAND/ SURROUS HOUSE: DRUMS, CHEMICA	n Con	Manuer, Suesce s
PERION PHONS: SHOW LONG HISTORY OF SITK	086 A	S & YNNK YAMD
- NOTE: ACK OF STANCTURE- ACM/LTOP UST HEADING OIL		
LIST OF ATTACHMENTS NONCE:		
INITIAL SITE ASSESSMENT CONCLUSION:		,
Does the project have potential hazardous waste involvement?	□ No	Yes ALM/LDA
2. Should the project include any specifications?	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?	□ No	☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☑ Yes

I.S. WILBUR — PRES. WILBUR CONSULTING INC. Name and Title (print)

STR 12

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT (N	Project No.:
Project Name:SOUTH Ppn.	K BRIDGE	_ Region:	Route No.:
			KINC
			INR SAIR BOAN NEPAIR
PROJECT FEATURES (Check '	'ves" if the answer is maybe	a)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	□ Yes □ No -	Easements	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING	·	
1. What is the project setting?	□ rural □ mixed ☑ urbar	n	
2a. What is the current land use? ☐ Industrial	_ □ Commercial □ Agricultural	☐ Resid	ential Dotherveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial ☐ Agricultural	□ Resid	ential □ Otherveloped
3. Which of the following records/info Describe data in comments or attained in the Federal ☑ NPL ☐ CERCLA ☑ RCRA Lists ☐ Permits ☐ Other	State Ecology Hazardous Site Li	ist Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority
Physical Setting	Name	Historical Sources ☑ Fire Insurance Maps Source ☐ Title Records ☑ Business/Street Directories	s Source <u>Pour</u>
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessme	ent completed by		
4. Are any known hazardous waste s ☐ No ☐ Yes – identify and explain NOTE If there is potential for hazardou photograph(s) with the potentia	SOMMY A BOWNERS WINGLIARY ASPHALT IS waste involvement, use the	B7 LOWER DUWS, S.TC < 1/2 UNSTREA back of this form to draw a ske	MINN WARR WAL NOLSITE,

VI	SUAL INSPECTION									
1.	☐ Yes – Inspection dat project area. Indica	e	ether or not these		- Check appear	below to indicate if any to present a potential	y of the	ese features are pr dous waste problen	esent in the	immediate
2a.	Describe in commer Physical features	nt sect	Potent	tial Problem			Y	Potentia N Unk Y N	l Problem	
	Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds		N Unk	z		Piles Transformers Chemical storage Service stations Landfill				
2b.	Contamination Surface staining Oil sheen Odors	Y	Potent N Unk Y III — — — III — —	ial Problem N		Vegetation damage	Y	Potentia N Unk Y N G — — C]	
IN	TERVIEWS									
1.	Were interviews conduct □ No – Why not? □ Yes – Attach interview		norandum.	····		·				on que esta forma e e e e e e e e e e e e e e e e e e e
Nar	ne of Person		Da	ute	Tel	lephone Number		Position/	Title	

COMMENTS (Add pages if required) A TAKE PROPERTY HIGH POTENTIAL FOR SUBSULFACE ENVIRE LONG HISTORY AS A BOAT REPAIR Y ARE AFRICAL PHOTOS SHOW HEAVY STAWNG NOTE: DEC. STIR NOT LISTED BY AGENVEY, -	5 .	
LONG HWYDRY AS A BOAT PEPAIR YAR AFRIAL PHOTOS SHOW HEAVY STAWNG	5 .	
AFRIAL PHOTOS SHOW HEAVY STAWNG		SAOUND SANUICE
	OP 6	SADUND SANUICE
LIST OF ATTACHMENTS — PHOTOS		
NONFE		
[40]01-2		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	☑ Yes
2. Should the project include any specifications?	□ No	
3. Are special acquisition considerations recommended?	□ No	☑ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☑ Yes
	INC.	
Name and Title (print)		
		al- 1.
A-14	- 4	11/010
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No	

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT		N	Project No.: Work Order:
Project Name: South PML	BRIDGE	Region:	Route No.:
Milepost begin:	Milepost end:	County Name:	KWG.
Location and Work Description: $\underline{\mathcal{E}}$	3510 14h AUR. S.	TIME FACTO	RY AUTO TEPAIR SHOW
PROJECT FEATURES (Check	"yes" if the answer is maybe	e)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	□ Yes □ No - □ Yes □ No -	Easements Dewatering required	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	☐ rural ☐ mixed ☐ urbar	n	
2a. What is the current land use?			•
☐ Industrial	Commercial		ential Dother
E Light Industrial And range	an ☐ Agricultural	Undev	/eloped
2b. What Is The Past Land Use?			
☐ Industrial	Commercial	Reside	ential Dther reloped
La Light industrial 14010 1010	Agricultural	Li Offdev	еюреа
 Which of the following records/inf Describe data in comments or att 	iormation sources were used ir tach copies. しんしいらかん	n this assessment?	:
Federal	State		Local/Regional
□ NPL □ CERCLA	☐ Ecology Hazardous Site L		☐ Air Pollution Control Authority
☐ RCRA Lists	☐ LUST Lists	d Contaminated Sites Reports	☐ City/County Planning
☐ Permits	☐ Other	And the second s	☐ City/County Zoning
☐ Other			☐ Health Department ☐ Other
			Li Ottici
Physical Setting	d Nama	Historical Sources	54/32401
☐ USGS Topographic Map Quad ☐ Aerial Photographs Date(s)	/134,	☐ Fire Insurance Maps Source ☐ Title Records	
☐ Aerial Photographs Date(s) ☐ Soil/Geologic Maps Source _		☐ Business/Street Directories	s Source PULL
Other			
☐ Region files			
☐ Photographs	nant completed by		
☐ A previous Initial Site Assessn☐ Other			
4. Are any known hazardous waste			
□ No			•
Yes – identify and explain —	WHAT DUNSMISA h	BORNEWAL MANSIE	ver Asons - Purm -
NOTE If there is potential for hazardo			

photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION					
1.	Was a visual inspection □ No – Why not? □ Yes – Inspection dat project area. Indica Describe in commer	e 4/20 te whether or not these			ese features are present in dous waste problem. Attac	
2a.	Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Potentia Y N Unk Y O		cal storage 년 e stations 년	Potential Problem N Unk Y N D D D D D D D D D D D D D D	
2b.	Contamination Surface staining Oil sheen Odors		N Vegeta	tion damage □	Potential Problem N Unk Y N	
IN'	TERVIEWS					
1.	Were interviews conduct ☐ No – Why not?	105 Amo de 17	ne Assessme	v.73.		
Nar	me of Person	Dat	te Telephone	e Number	Position/Title	

<u>SIIE 13</u>		
COMMENTS (Add pages if required) - NOT USTRO ON ALENCE	2 6257	
POTENTIAL FOR SUBSURFAUL ENVIRONM	EUV	2 (SSUE) -
PROPERTY NOT CONCIDENTS FOR TAKE:		
- POTENTOL UST (GAS STATION)		
	ACT	S/2∼¬1
- LONG HISTORY AS AUTO TREPAIN & TIME F - ALFE OF STRUCTURE - ACM/LOSP, UST HO		
311000000 = 1000(00) USI PU	2000	NGOLC
LIST OF ATTACHMENTS		
MONE		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	OYes ALM/LBP
 Should the project include any specifications? Are special acquisition considerations recommended? 	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No	☑ Ýes □ Yes
Sacration minds one Assessment, is a Freminiary one investigation recommended?	E 140	Li Tes
MAME and Title (print)	NGIN	16.
Name and Title (print)		
ASW		ala 1 =
Signature /	Date	9/20/02

WASHINGTON DEPARTMENTIAL SITE ASSESSMENT		ON	Project No.: Work Order:
Project Name: Soum Pank	- BRIOLE	Region:	Route No.:
Milepost begin:	Milepost end:	County Na	me KING
Location and Work Description:	8457 14 AVENI	IR South — 7	TERITAKI FAST FOUD TO 40
PROJECT FEATURES (Check	("ves" if the answer is may	he)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities			☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCRE	ENING		
1. What is the project setting?	□ rural □ mixed □ urb	an	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial		□ R	lesidential Other Indeveloped אוני אין
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☑ Commercial □ Agricultural	🗆 R	esidential □ Other
3. Which of the following records/in Describe data in comments or at Federal ☑ NPL ☑ CERCLA ☑ RCRA Lists ☐ Permits ☐ Other	formation sources were used tach copies. State Ecology Hazardous Site Confirmed and Suspecte LUST Lists Other	List ed Contaminated Sites Repo	Local/Regional Air Pollution Control Authority orts Fire Departments City/County Planning City/County Zoning Health Department Other
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	<i>1934</i> ,	Historical Sources Fire Insurance Maps S Title Records Business/Street Direct	
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	nent completed by		
. Are any known hazardous waste s ☑ No ☑ Yes – identify and explain	sites adjacent to the project ar	rea (approximately 1 mile) w	which may affect the project?
OTE If there is potential for hazardou photograph(s) with the potentia	us waste involvement, use the al hazardous waste site(s) ide	e back of this form to draw a ntified.	sketch map, quad map, or attach

VI	SUAL INSPECTION	V			
1.	☐ No – Why not? ☐ Yes – Inspection d	ate	r or not these features	Check below to indicate if an appear to present a potential	y of these features are present in the immediate hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds			Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N G G G G G G G G G G G G G G G G G G
2b.	Contamination Surface staining Oil sheen Odors		, o — o o	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □
ΝΊ	ERVIEWS				
1.	Were interviews condu ☐ No – Why not? ☐ Yes – Attach interviews	NO ONC		NL SITE VISIT	
Van	ne of Person	7	Date	Telephone Number	Position/Title

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COMMENTS (Add pages if required)			
LIMITED POTENTIAL FOR SUBSURFACE	ENVE	SONWEN JUL 1	L 6 21
NOTE: AGE OF STALLOUR			
ACM/LDP			
UST HARTING OIL			
		·	
LIST OF ATTACHMENTS			
Nonc			
		•	
INITIAL SITE ASSESSMENT CONCLUSION			
Does the project have potential hazardous waste involvement?	□ No	Eryes Acullop	,
2. Should the project include any specifications?	□ No	☐ Yes – specify	
Are special acquisition considerations recommended?	□ No	⊡ Yes	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□+No	☐ Yes	
I.S. WILBUR - PRES. WILBUR CONSULTI	WG100	C,	
Name and Title (print)			
1<1,1	-	1/2/20	
Signature	Date	1/de/02	

SITIZ 15

Initial Site Assessment Checklist

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT	CHECKLIST		Project No.:
Project Name: South Pana	K BRIDGE	Region:	Route No.:
Milepost begin:	Milepost end:	County Name	KING
Location and Work Description:	8504 14 hor.	5. (DR1	CLEANERS)
PATIMA PHAN PRISTAVA	ANT DOLEY, BUEN	VA VISTA TRAVEL	
PROJECT FEATURES (Check	"yes" if the answer is mayb	oe)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No ☐ Yes ☐ No	- Easements - Dewatering required	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	□ rural □ mixed □ urba	an	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial ☐ ☐ Agricultural	2 <i>〒 CLESNENS</i> □ Resi □ Und	idential □ Othereveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial ☐ Dr. ☐ Agricultural	n Cwawa □ Resi	dential Dothereveloped
3. Which of the following records/inf Describe data in comments or att Federal □ NPL □ CERCLA □ RCRA Lists □ Permits □ Other	ach copies. — DBSfruk State □ Ecology Hazardous Site	s.rc Vis.73. List d Contaminated Sites Reports	Local/Regional Air Pollution Control Authority Fire Departments City/County Planning City/County Zoning Health Department Other
Physical Setting 더 USGS Topographic Map Quad 던 Aerial Photographs Date(s) 디 Soil/Geologic Maps Source		Historical Sources ☐ Fire Insurance Maps Sou ☐ Title Records ☐ Business/Street Directori	
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	ent completed by		
4. Are any known hazardous waste s ENo EYes – identify and explain とい	sites adjacent to the project ar	ea (approximately 1 mile) whi	
NOTE If there is potential for hazardou photograph(s) with the potential	us waste involvement, use the al hazardous waste site(s) ide	back of this form to draw a s ntified.	ketch map, quad map, or attach

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Exhibit 447-4, Page 1 of 3

VISUA	L INSPECTION					
	s a visual inspection of No – Why not? Yes – Inspection date project area. Indicat Describe in comment	e whether	tor not these	- e features	Check below to indicate if appear to present a potent	any of these features are present in the immediate tial hazardous waste problem. Attach photographs.
Und Suri Sun Bas Con	•			N	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D
Surf	ntamination face staining sheen ors	1 0	Unk Y	al Problem N □ □	Vegetation damage	Potential Problem Y N Unk Y N O O O O O O
INTER	VIEWS					
	re interviews conducto No – Why not? Yes – Attach interview		andum.			
Name of	Person		Da	te	Telephone Number	Position/Title

COMMENTS (Add pages if required) NONE PROPERTY NOT GONSIDERAD FOR TAIKE POTENTIAL FOR SUBSURFACE ENVIRONMENT ISSUES -DRY CLERANTINS -NOTE: ALE OF STRUCTURE -ALM/LBP UST HRATINGOIL LIST OF ATTACHMENTS NONE: INITIAL SITE ASSESSMENT CONCLUSION □ No PYes Acm/LBP 1. Does the project have potential hazardous waste involvement? 2. Should the project include any specifications? ☐ Yes – specify _____ □ No 3. Are special acquisition considerations recommended? La Yes □ No 4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? □ No ☐ Yes Name and Title (print)

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT O			Project No.:
			Route No.:
Milepost begin:	Milepost end:	County Name:	KWG
Location and Work Description: 8	507 14h AURUWR	SOUTH DISA	out manust
DDO IECT CEATURES (A)		`	
PROJECT FEATURES (Check " ☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐Yes ☐ No -	Easements	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	□ rural □ mixed □ urbar	1	
What is the current land use? □ Industrial □ Light Industrial	ြ Commercial <u>≤</u> □ Agricultural	Tovc ☐ Reside	ential Dther
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial <i>S</i>	rovc ☐ Reside	ential □ Other reloped
Which of the following records/info Describe data in comments or atta		this assessment?	
Federal □ NPL □ CERCLA □ RCRA Lists □ Permits □ Other	State ☐ Ecology Hazardous Site L ☐ Confirmed and Suspected ☐ LUST Lists ☐ Other	Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
Physical Setting ☐ USGS Topographic Map Quad ☐ Aerial Photographs Date(s) ∠ ☐ Soil/Geologic Maps Source	<i>934</i>	Historical Sources ☐ Fire Insurance Maps Source ☐ Title Records ☐ Business/Street Directories	
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other			
4. Are any known hazardous waste s □ No □ Yes – identify and explain 44		, , ,	h may affect the project?

NOTE If there is potential for hazardous waste involvement, use the back of this form to draw a sketch map, quad map, or attach photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION											
1.	☐ No – Why not? ☐ Yes – Inspection da	te _	4 200 nether or no	ot these f	eatures	Chec appea	k below to indicate if any or to present a potential	of the	ese featur lous wast	es are pres e problem.	ent in the Attach ph	immediate notographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0			Problem N		Piles Transformers Chemical storage Service stations Landfill	Y 0 0 0 0 0			roblem	
2b.	Contamination Surface staining Oil sheen Odors	Y 0 0 0	N Unk 면 ㅁ - 면 ㅁ -	- 🗆 🛚			Vegetation damage	Y 0 0 0	N Unk		oblem	
INT	TERVIEWS											
1.	1. Were interviews conducted? □/No – Why not? □ Yes – Attach interview memorandum.											
Name of Person Date		T.	elephone Number			Position/Tit	le	·····				

COMMENTS (Add pages if required)	•	
LIMITED POTENTIAL FOR SUBSMEACH ENVIRON	MENTA 155	165
NOTE: ALT UL STWERM		
ACM/USP		
UST HEADNGOLL		
00, 1,100,000		
LIST OF ATTACHMENTS		4
NONE:		
70-7472		
NITIAL SITE ASSESSMENT CONCLUSION		Professoral Services
NITIAL SITE ASSESSMENT CONCLUSION		÷
Does the project have potential hazardous waste involvement?	□ No □ Yes Acr	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No □ Yes - spec	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No □ Yes - spec □ No □ Yes	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No □ Yes - spec	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No □ Yes - spec □ No □ Yes	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ Yes - spec □ No □ Yes □ No □ Yes	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? S. WILBUR — PRES. WILBUR CONSULTING IN 	□ No □ Yes - spec □ No □ Yes □ No □ Yes	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ Yes - spec □ No □ Yes □ No □ Yes	-
Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? I.S. WILBUR — PRES. WILBUR CONSULANG INVITABLE CONSULANGE INVITABLE CONSULANG INVITABLE CONSULANGE INVITABLE CONSULANCE INV	□ No □ Yes - spec □ No □ Yes □ No □ Yes □ No □ Yes	-
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? S. WILBUR — PRES. WILBUR CONSULTING IN 	□ No □ Yes - spec □ No □ Yes □ No □ Yes	-

SITTE 17

Initial Site Assessment Checklist

	GTON DEPARTMEI		RTATION		Project No.: Work Order:	
Project Nam	ne: SOUTH PAN	K BRIDGE	Regior	1:	Route No.:	
					KINL	
Location and	d Work Description:	8520 14h p	avr. s.	SALON E.	CAX	
PROJECT	FEATURES (Check	k "yes" if the answer	is maybe)			
	No - New ROW No - Relocate utilities	☑ Yes □ Yes	☐ No - Easemen ☑ No - Dewaterin	ts ng required	☑ Yes ☐ No - Exca ☐ Yes ☑ No - Railr	vation oad ROW
HAZARDO	OUS WASTE SCRE	ENING				
1. What is	the project setting?	□ rural mixed	d □ urban			
2a. What is	the current land use?					
☐ Indus	trial Industrial		rcial <u>Ham Saka</u> Iral		lential □ Othe	r
•		Li Agriculto		Li Olide	veloped	
	The Past Land Use? trial	☐ Commer	rcial <u>6A3 Smn:</u>	ನ □ Resid	ential □ Othe	•
☐ Light	Industrial	□ Agricultu	ıral		veloped	***************************************
3. Which of Describe	the following records/in data in comments or at	nformation sources we ttach copies.	re used in this asse	ssment?		
Federal		State			Local/Regional	
□ NPL	N. A		ous Site List C15 75		☐ Air Pollution Control	Authority
□ RCRA	CLA U ists	☐ Confirmed and S	Suspected Contamin	ated Sites Reports	☐ Fire Departments ☐ City/County Planning	-
☐ Permi	ts	Other EPA 2		nen	☐ City/County Planning	J
□ Other		-			☐ Health Department	
					☐ Other	· · · · · · · · · · · · · · · · · · ·
Physical	•			I Sources		
M Aerial	Topographic Map Qua Photographs Date(s)	1536-		aaarda	ce <u>SANBORN</u>	
☐ Soil/G	eologic Maps Source		Busine	ss/Street Directories	s Source POLIC	- -
Other						•
☐ Regior						
☐ Photog						
☐ Other	ious Initial Site Assessr	nent completed by				
					n may affect the project?	
□ No		,				
Ľ Ýes – i	identify and explain	VST 5172.				
NOTE If there	is potential for hazardo	ous waste involvement	, use the back of thi	s form to draw a ske	etch map, quad map, or a	ttach

Environmental Procedures Manual M 31-11 July 2001

photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION						
1.	 1. Was a visual inspection conducted? No - Why not? Yes - Inspection date				nese featur	Check below to indicate if a res appear to present a potenti	any of these features are present in the immediate al hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0	प्वव्वव्य	Unk — — — — — —		Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D
2b.	Contamination Surface staining Oil sheen Odors	Y	प्र प्र प्र	Jnk	otential Problem Y N	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □
INT	ERVIEWS						
1. Were interviews conducted? □ No – Why not? □ Yes – Attach interview memorandum.					₹		
Nam	ne of Person				Date	Telephone Number	Position/Title

COMMENTS (Add pages if required)	
LUST SITE	
GAS SORMON FOR 75 YEARS	/
NO REMEDIATION OR UST BEMSUS PERDONT	- W/ WADR
ALE OF STRUCTURE - ALM/LISP	
HIGH PORENTA FOR SUBSMANNE FUVIRE	NMEUTH 155 UK
LIST OF ATTACHMENTS	
SEC EDR REDAT	
INITIAL CITE ACCECCMENT CONCLUCION	
INITIAL SITE ASSESSMENT CONCLUSION	
Does the project have potential hazardous waste involvement?	□ No □Yes ALM/LBP
2. Should the project include any specifications?	□ No □ Yes – specify
Are special acquisition considerations recommended? Record on this latities 0 to Assessment in a Parliminant City to a set in the set	□ No □ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ Yes
16 1,111210 7200 1,111210 (1612)	
Name and Title (print)	GINC,
The proof (Print)	
A M	9/24/02
Signature	Date

Initial Site Assessment Checklist

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		ON	Project No.:
		Region:	Route No.:
Milepost begin: Location and Work Description:	8524 14 h	IC South (HERBS AUTO REPAIR / TAX
PROJECT FEATURES (Check	"yes" if the answer is may	be)	
Yes No - New ROW Yes No - Relocate utilities	☐ Yes ☐ No ☐ Yes ☐ No	- Easements - Dewatering required	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	ENING		
1. What is the project setting?	□ rural □ mixed □ urb	an	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial	43374 カラル □ Resid	dential Dtherveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial		<i>込 574のユン 193</i> つ. □ Resid □ Under	ential □ Otherveloped
3. Which of the following records/inf Describe data in comments or att.	ormation sources were used	in this assessment?	
Federal ☐ NPL ☐ CERCLA ☐ RCRA Lists ☐ Permits ☐ Other	State ☐ Ecology Hazardous Site	ed Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	Name	Historical Sources ☑ Fire Insurance Maps Source ☐ Title Records ☐ Business/Street Directorie	ce _ <i>SAw3эл</i> .U
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	ent completed by		
4. Are any known hazardous waste s ☐ No ☐ Yes – identify and explain 5/2	ites adjacent to the project a	rea (approximately 1 mile) whic	h may affect the project?
NOTE If there is potential for hazardou	is waste involvement, use the	e back of this form to draw a ske	etch map, quad map, or attach

Environmental Procedures Manual M 31-11 July 2001

photograph(s) with the potential hazardous waste site(s) identified.

Exhibit 447-4, Page 1 of 3

VI	SUAL INSPECTION					
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection dat project area. Indica Describe in commen	te 40	レ not these features	- Check below to indicate if an appear to present a potential	by of these features are present in the immediate hazardous waste problem. Attach photographs.	
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds			Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
2b.	Contamination Surface staining Oil sheen Odors	Y N Unk	Potential Problem Y N	Vegetation damage	Potential Problem Y N Unk Y N	
INT	ERVIEWS					
1.	Were interviews conducted? ☑ No – Why not? ☐ Yes – Attach interview memorandum.					
Name of Person Date		Telephone Number	Position/Title			

COMMENTS (Add pages if required)		
LUST SIDE) HIGH T	STEN.	TAL FOR
\ CM STATES \ SUBSU	RESUL	ENVIRONMENT
I GAS SUMMON FOR OURL 75 YMANS ISSUE	\	
COMMENTS (Add pages if required) LUST SITE HIGH TO CAS STATION FOR OVER 75 YEARS SUBSURING NOTE HOUSE KEEPING & SITE NOTE AS STATIONS		
) ACE OF STOWERD - ACM/LIBP		
LIST OF ATTACHMENTS		
SER EDR BEPORT		
INITIAL SITE ASSESSMENT CONCLUSION		
	; □ No	EYes ALM/LBP
Does the project have potential hazardous waste involvement?		
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No	□Yes ALM/LBA □ Yes – specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No	☐ Yes – specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No □ No □ No	☐ Yes - specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ No □ No □ No	☐ Yes - specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No □ No □ No □ No	☐ Yes - specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? Investigation recommended?	□ No □ No □ No □ No	☐ Yes - specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? Investigation recommended?	□ No □ No □ No □ No	☐ Yes - specify

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		NC	Project No.: Work Order:
Project Name:	RIC BRIDGE	Region:	Route No.:
Milepost begin:	Milepost end:	County Name	e: KING
Location and Work Description:	8515 14 AUR.	S. (M.	E. KING DUT MACHO, RESTAURAN
PROJECT FEATURES (Check	"yes" if the answer is may	De)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No ☐ Yes ☐ No	EasementsDewatering required	☐ Yes ☐ No - Excavation☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	☐ rural ☐ mixed ☐ urba	an	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☑ Commercial <u>/≳</u> □ Agricultural		sidential Dotherdeveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial टिट ☐ Agricultural	S7AV nan □ Res	sidential Dother
3. Which of the following records/inf Describe data in comments or att Federal □-NPL □ CERCLA □ RCRA Lists □ Permits □ Other	ach copies. State Ecology Hazardous Site	List d Contaminated Sites Report	Local/Regional ☐ Air Pollution Control Authority
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	1936	☐ Title Records	urce <u>SANGSNN</u> ies Source <u>POLIC</u>
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	ent completed by		
4. Are any known hazardous waste s 近れる 位分e になっ identify and explain しい	sites adjacent to the project and ST ACRESS STUCKTON TO THE ST	rea (approximately 1 mile) wh	ich may affect the project?
photograph(s) with the potentia	al hazardous waste site(s) ide	entified	de to al account consider to a second con-

VI	SUAL INSPECTION								
1.	Was a visual inspection conducted? No – Why not? Yes – Inspection date Project area. Indicate whether or not these features appear to present a potential hazardous waste problem. Attach photographs. Describe in comment section.								
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0		N	Piles Transformers Chemical storage Service stations Landfill	Y 0 0 0 0 0 0	Potential P N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D	roblem	
2b.	Contamination Surface staining Oil sheen Odors	Y	N Unk Y II — —	I Problem N	Vegetation damag	y ge 🗆	Potential Pr	obiem	
INT	ERVIEWS								
	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview		morandum.		£				
Var	ne of Person		Date	e 	Telephone Number		Position/Tit	le	

SITE 19		
COMMENTS (Add pages if required)		
LIMITED POTENTIAL FOR SUBSURANCE ENVIRON	mer	TRE ISSURS
NOTE: ACE OF STRUCTURE		
ACM/LBP		
UST HASTINGOIL		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
LIST OF ATTACHMENTS		
NONE:		
powe.		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	EYes ALM/LOP
2. Should the project include any specifications?	□ No	☐ Yes – specify
Are special acquisition considerations recommended?	□ No	☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	☐ No	☐ Yes
AS WILBUR - PRES. WILBUR GONSULTING!	NC.	
Name and Title (print)		
10/11	_	. / . /
Gianatura 45W		1/20/02
Signature	Date	/ '

WASHINGTON DEPARTMENT		N	Project No.: Work Order:
	_	Region:	Route No.:
•		_	
Location and Work Description:	8517 144 AUC.	5. JAUSC	KING O MEXICON RESTAURAN
PROJECT FEATURES (Check '	'yes" if the answer is maybe	e)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No -	Easements Dewatering required	☐ Yes ☐ No - Excavation ?☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	NING		
1. What is the project setting?	□ rural □ mixed ⊡ urba	n	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial <u>Æ</u> ☐ Agricultural	STAURAN T Resid	lential Dtherveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	_ ☐ Commercial $\frac{\mathcal{RC}}{\Box}$	STAURANT Resid	lential Dotherveloped
3. Which of the following records/infe Describe data in comments or atta Federal □ NPL □ CERCLA □ RCRA Lists □ Permits □ Other	ach copies. State ∟⊡∕Écology Hazardous Site I	ist d Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority
Physical Setting ☐ USGS Topographic Map Quad ☐ Aerial Photographs Date(s) ☐ Soil/Geologic Maps Source		Historical Sources Fire Insurance Maps Sour Title Records Business/Street Directorie	es Source Polit
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	• • • • • • • • • • • • • • • • • • • •		
4. Are any known hazardous waste s ☐ No ☐ Yes – identify and explain A NOTE If there is potential for hazardo photograph(s) with the potential	CAPSS THE STREET SUL 1935, TO AMORE US waste involvement, use the	WSF — GAS STAT e back of this form to draw a sk	TOW HAM OPERA TOS

VI	SUAL INSPECTION								
1.	☐ No – Why not? ☐ Yes – Inspection da	ite _	4/c		e feature	- Check below to indicate if a	ny of the	ese features are present in lous waste problem. Attac	the immediate h photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0			ial Problem N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0 0	Potential Problem N Unk Y N	
2b.	Contamination Surface staining Oil sheen Odors	Y	回口		N D	Vegetation damage	Y 	Potential Problem N Unk Y N	
INT	ERVIEWS								
1.	1. Were interviews conducted? ☑ No – Why not? ☐ Yes – Attach interview memorandum.								
Nam	ne of Person				te	Telephone Number		Position/Title	

SITE 20			
COMMENTS (Add pages if required)		•	
LIMITED POTENTIAL FOR SUBSULTAGE EN	VIRDU	UMFUTTSL	155 W.
- NOTE ALK OF STUCKE			
Acm/LBD	-		
UST HEATING OIL			
V31 + CHALLING SIC			•
LIST OF ATTACHMENTS			
NONE.			
·			
NITIAL SITE ASSESSMENT CONCLUSION			
. Does the project have potential hazardous waste involvement?	□ No	EYes Acmle	-DP
Should the project include any specifications?	□ No	☐ Yes – specify _	
Are special acquisition considerations recommended?	□ No	Ľ⊒ Ýes	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	19 No	☐ Yes	
J.S. WILBUR - PORS. WILBUR KONSULTIN	16 10	6	
lame and Title (print)			

Signature

<u>SITE 21</u>

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		ON .	Project No.: Work Order:
		Region:	Route No.:
Milepost begin:	Milepost end:	County Name:	/
Location and Work Description:	8521 14h AUF.	5. APAN	TMENT BUILDING
PROJECT FEATURES (Check	("ves" if the answer is mayh	(۵	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No ·	- Easements	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCRE	ENING		
1. What is the project setting?	🗆 rural 🗆 mixed 🗹 urba	ın	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	Commercial A	om - □ Resid	lential Dother
		Unde	veloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☑ Commercial ☐ Agricultural	PART PResid	ential
Which of the following records/in Describe data in comments or at	formation sources were used in		
Federal □-NPL □ CERCLA □ RCRA Lists □ Permits □ Other	State ☐ Écology Hazardous Site L ☐ Confirmed and Suspected ☐ LUST Lists ☐ Other <u>FOO</u> DATA 13A	d Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	1534,	Historical Sources Fire Insurance Maps Source Title Records Business/Street Directories	
		E Dusiness/Street Directories	s Source Pozit
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessn ☐ Other	nent completed by		
4. Are any known hazardous waste and No	sites adjacent to the project are	ea (approximately 1 mile) which	n may affect the project?
NOTE II there is potential for nazardo	eus waste involvement, use the ial hazardous waste site(s) ider	back of this form to draw a ske	etch map, quad map, or attach

VI	VISUAL INSPECTION										
1.	☐ No – Why not?☐ Yes – Inspection	date _	ے nether o	ho	ese feature		k below to indicate if a ar to present a potentia				
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	>	विव्ववि	Pot Jnk Y			Piles Transformers Chemical storage Service stations Landfill	>00000	N Unk 12		
2b.	Contamination Surface staining Oil sheen Odors	Y	P				Vegetation damage	Y 0 0 0	N Unk \\ □ □ □ □		·
INT	TERVIEWS										
	1. Were interviews conducted? □ No – Why not? □ Yes – Attach interview memorandum.										
Name of Person			Date			Telephone Number		Position/Title			

Odminizatio (Add pages in required)		
LIMIT POTENTING FOR SUBSURFACE E	WV,5	ON MEUTIN
155 US _		
NOTE: AGE OF STRUCTURE		
ALM/LT3P		
UST HEATING DIL		
		•
LIST OF ATTACHMENTS		
Nっ N に		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	EYes ACM/LBP
2. Should the project include any specifications?	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?	□ No	☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	⊞ No	□ Yes
ASWILBUR - PRES. WILBUR CONSULTA	NG 1	νC
Name and Title (print)		

SITEZL

Signature

	ASHINGTON DEPARTMEN)N	Project No.: Work Order:			
Pr	oject Name: South PAR	K BRIDGE	Region:	Route No.:			
Lo	cation and Work Description:	144 AVE.S	. EL MOLIN	NO ROJO (MAKRT)			
- Dr	O IFOT FEATURES (a)	// A.A.A.					
	ROJECT FEATURES (Check Yes No - New ROW Yes No - Relocate utilities	•	•	☐ Yes ☐ No - Excavation ?☐ Yes ☐ No - Railroad ROW			
H/	ZARDOUS WASTE SCRE	NING					
1.	What is the project setting?	□ rural □ mixed ⊡ urba	an ·				
2a.	What is the current land use? ☐ Industrial ☐ Light Industrial		Reside	ential Dother			
2b.	What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial	ANICE T Reside	ential Dothereloped			
3.	Which of the following records/inf Describe data in comments or att	ormation sources were used i ach copies.	in this assessment? (SITE	UST 457ED)			
	Federal NPL CERCLA RCRA Lists Permits Other	State E Écology Hazardous Site Confirmed and Suspecte LUST Lists Other FOR Dana	d Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other			
	Physical Setting ☐ USGS Topographic Map Quac ☐ Aerial Photographs Date(s) ∠ ☐ Soil/Geologic Maps Source _	534	Historical Sources Fire Insurance Maps Source Title Records Business/Street Directories				
	Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessm ☐ Other	ent completed by					
	Are any known hazardous waste : □ No □ Yes – identify and explain 🗛	sites adjacent to the project ar	ea (approximately 1 mile) which				
	E If there is potential for hazardo	us waste involvement, use the	back of this form to draw a ske				

VI	SUAL INSPECTION									
1.	☐ No – Why not? ☐ Yes – Inspection da	te _	alor nether or not the	se feature	- Check s appear	below to indicate if ar to present a potentia	ny of the I hazard	ese features ar ous waste pro	e present ir blem. Attac	the immediate ch photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0	Pote N Unk Y D D — D D D — D D D — D D D — D D D — D	ntial Problem N □ □ □ □ □ □ □		Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0 0			
2b.	Contamination Surface staining Oil sheen Odors	Y	N Unk Y	ntial Problem N		Vegetation damage		N Unk Y		
IN٦	ERVIEWS									
1.	Were interviews conductive. Why not? ☐ Yes – Attach intervie		norandum.						**************************************	
Nan	ne of Person		D:	ate 	Tel	ephone Number		Positi	ion/Title	
		· · · · · · · · · · · · · · · · · · ·					-			

Environmental Procedures Manual M 31-11 July 2001

SITE MAP SKETCH

Exhibit 447-4, Page 2 of 3

3112 22			
COMMENTS (Add pages if required)			
LIMITED POTENTIAL FOR SUBSULFAUE F	50V12	DU MEUTAL IS	رں ک
NOTE: AGE STRUCTURE			
ACM/LBP			
UST-HOLDIC			
US, - HOLLING SIC			
•			
LIST OF ATTACHMENTS			
NONK_			
INITIAL SITE ASSESSMENT CONCLUSION			ċ
Does the project have potential hazardous waste involvement?	□ No	Teres Aculuso	
2. Should the project include any specifications?	□ No	☐ Yes – specify	
3. Are special acquisition considerations recommended?	□ No	Yes	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	Ľª¹No	☐ Yes	
T.S. WILBIR — PRES. WILBIR GONSULTINE Name and Title (print)	WC.	•	
name and the (pint)			

Signature

9/20/02

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT O INITIAL SITE ASSESSMENT CHE			Project No.:Work Order:
Project Name: South Pank	BRIDGE RE	egion:	Route No.:
Milepost begin:Mil	lepost end:	County Name: _	KINC.
Location and Work Description: 84	01 14 AVR. S.	MEXI MA	n T
PROJECT FEATURES (Check "yes	s" if the answer is maybe)		
☐ Yes ☐ No - New BOW	☐ Yes ☐ No - Ease	ements	Yes No - Excavation ?
☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No - Dewa	atering required	☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREENIN	NG		
1. What is the project setting?] rural 🔲 mixed 🗗 urban		
2a. What is the current land use?			
☐ Industrial	「Commercial <u>572</u> ~	C □ Resider	ntial
☐ Light Industrial	☐ Agricultural		eloped
2b. What Is The Past Land Use?			
☐ Industrial	Commercial 5720		ntial Dother
☐ Light Industrial	☐ Agricultural		loped
3. Which of the following records/information Describe data in comments or attach		assessment? (5,775 A	OT LISTOW/AGENCIES
	ate		Local/Regional
□-NPL □	Ecology Hazardous Site List		☐ Air Pollution Control Authority
	Confirmed and Suspected Con \(\alpha\)UST Lists		☐ Fire Departments ☐ City/County Planning
☐ Permits ☐	Other FOR DAM BASE		☐ City/County Zoning
☐ Other			☐ Health Department ☐ Other
			Li Other
Physical Setting		torical Sources	SA 11304 11
☐ USGS Topographic Map Quad Na ☐ Aerial Photographs Date(s) /734	me GF	ire Insurance Maps Source itle Records	SANISANI
☐ Aerial Photographs Date(s) /734 ☐ Soil/Geologic Maps Source	B8	Business/Street Directories	Source POLIC
Other			
☐ Region files			
☐ Photographs☐ A previous Initial Site Assessment	completed by		
□ Other			
4. Are any known hazardous waste sites	adjacent to the project area (ar	pproximately 1 mile) which	may affect the project?
I No	•	•	
☐ Yes – identify and explain			•
NOTE If there is potential for hazardous w photograph(s) with the potential ha			ch map, quad map, or attach

VI	SUAL INSPECTION									
1.	☐ No – Why not?	e	402 ether or not thes	e features	· Check appear	below to indicate if an to present a potential	y of the	ese feature ous waste	es are present in t problem. Attach	he immediate photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	> 0 0 0 0 0 0	Poten N Unk Y D	ntial Problem N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0 0		Potential Problem	
2b.	Contamination Surface staining Oil sheen Odors	Y	Poteni N Unk Y	ial Problem N □ □	· -	/egetation damage	Y = = =	N Unk	Potential Problem Y N	
IN	TERVIEWS									-
1.	Were interviews conduct □ No – Why not? □ Yes – Attach interview		norandum.		· · · · · · · · · · · · · · · · · · ·		······································			·
Nar	ne of Person		Da	nte 	Tel	ephone Number			Position/Title	
										

SITE 23		
COMMENTS (Add pages if required)		
LIMITED POTENTIAL FOR SUBSULFALL E	77.55	DAIMEAIDA. ISE IC
NOTE: ALE DE STRUCTURE		10 10 10 10 10 10 10 10 10 10 10 10 10 1
ACM/LBP		
UST		
		•
LIST OF ATTACHMENTS		
NONE		
		•
INITIAL CITE ACCECCMENT CONCLUCION		
INITIAL SITE ASSESSMENT CONCLUSION		
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No	EYes ACM/LBP
3. Are special acquisition considerations recommended?	□ No	☐ Yes – specify
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No	☐ Yes
	E 140	□ 169
J.S. WILBUR-PRES. WILBUR GONSULTING	INC.	

Name and Title (print)

Initial Site Assessment Checklist

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		N	Project No.:
Project Name: SOUTH PAN	K BRIOK	_ Region:	Route No.:
Milepost begin:	Milepost end:	County Name:	KINE
Location and Work Description:	BL11 14 AUR 5	EL VARGNE	manino, musica jume
PROJECT FEATURES (Check	"yes" if the answer is maybe	e)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities			☐ Yes ☐ No - Excavation?☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREE	ENING		
1. What is the project setting?	□ rural □ mixed □ urba	n	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☑ Commercial <i>_70</i> ⊆ □ Agricultural	Resid	ential □ Other veloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial _ <i>PA</i>	ENW □ Reside	ential □ Othereloped
3. Which of the following records/inf Describe data in comments or att Federal ☑ NPL ☑ CERCLA ☐ RCRA Lists ☐ Permits ☐ Other	tach copies. State □ Ecology Hazardous Site L	ist I Contaminated Sites Reports	Local/Regional Air Pollution Control Authority Fire Departments City/County Planning City/County Zoning Health Department Other
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source		Historical Sources Fire Insurance Maps Source Title Records Business/Street Directories	
Other Region files Photographs A previous Initial Site Assessm Other Are any known hazardous wastes	nent completed by		
☑ No ☐ Yes – identify and explain NOTE If there is potential for hazardor photograph(s) with the potenti	us waste involvement, use the	back of this form to draw a ske	

Environmental Procedures Manual M 31-11 July 2001

VI	SUAL INSPECTION	1			
1.	☐ No – Why not? ☐ Yes – Inspection do	ate	yor -		y of these features are present in the immediate hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	00000 999	Potential Problem Unk Y N	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
2b.	Contamination Surface staining Oil sheen Odors			Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □
INT	TERVIEWS				
1.	Were interviews condu ☑ No – Why not? ☐ Yes – Attach interviews		dum.		· · · · · · · · · · · · · · · · · · ·
Nan	ne of Person		Date	Telephone Number	Position/Title

LIMITED POTENTIAL FOR SUBSURFACE ENVI	2001	MENTA	125052
NOTE: AGE OF SIMULTURE -			
ACM/LBP			
UST			
LIST OF ATTACHMENTS			
NONE			
		•	
INITIAL SITE ASSESSMENT CONCLUSION			
		-/ 0/0-	1,
Does the project have potential hazardous waste involvement?		TYes Acm	CBP
2. Should the project include any specifications?	□ No	☐ Yes – specify	
3. Are special acquisition considerations recommended?	□ No		
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☐ Yes	
TO WILL A TRUE WILL CO			
MILBUR — PRES. WILBUR CONSULTING Name and Title (print)	INC		
realite and True (print)			
45W-	a	20/02	
	ι	100	
Signature	Date	•	
Signature /	Date	•	

COMMENTS (Add pages if required)

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPORTATION INITIAL SITE ASSESSMENT CHECKLIST	N Project No.:
	Region: Route No.:
Milepost begin:Milepost end:	County Name:
Location and Work Description: 8400 14h AUC.	S. NAPOLI PIZZFINIA
FAL DAILE SITE	
PROJECT FEATURES (Check "yes" if the answer is maybe	•)
☐ Yes ☐ No - New ROW ☐ Yes ☐ No -	
☐ Yes ☐ No - Relocate utilities ☐ Yes ☐ No -	Dewatering required ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREENING	
1. What is the project setting? □ rural □ mixed □ urbal	ı
2a. What is the current land use?	
□ Industrial □ Commercial R∈	
☐ Light Industrial ☐ Agricultural	Undeveloped
2b. What is The Past Land Use?	
☐ Industrial ☐ Commercial ☐ ☐ Light Industrial ☐ ☐ Agricultural ☐	☐ Residential ☐ Other
3. Which of the following records/information sources were used in	this assessment? (SITE NOT US TO TOT ALENCES
Describe data in comments or attach copies. Federal State	Local/Regional
ETNPL Ecology Hazardous Site L	ist
☐ CERCLA ☐ Confirmed and Suspected ☐ RCRA Lists ☐ LUST Lists	I Contaminated Sites Reports ☐ Fire Departments ☐ City/County Planning
□ Permits □ Other EDA DAM D	△ City/County Zoning
□ Other	☐ Health Department☐ Other
Physical Setting	Historical Sources
DV ICCC Tanagraphia Man Ouad Nama	Fire Insurance Maps Source Sawson
Aerial Photographs Date(s) 1934 1947	☐ Title Records
☐ Soli/Geologic Maps Source	B business/Street Directories Source
Other Classics (illustrated by the classics)	
☐ Region files ☐ Photographs	
☐ A previous Initial Site Assessment completed by	
□ Other	
4. Are any known hazardous waste sites adjacent to the project ar	ea (approximately 1 mile) which may affect the project?
□ No □ Yes – identify and explain ACMS- STACT From C	SIT S. M God Son Dr. Has Offeren
Fram 1430 - ANCIANS	
NOTE If there is potential for hazardous waste involvement, use the photograph(s) with the potential hazardous waste site(s) ide	

۷I	SUAL INSPECTION										
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection dat project area. Indica Describe in commen	te _	4/- nether or	not these	e features	- Chec s appea	k below to indicate if a ir to present a potentia	ny of the	ese features are dous waste proble	present in t em. Attach	he immediate photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0	A A A A A		ial Problem N □ □ □ □ □ □ □ □		Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0	Poter N Unk Y D — D D — D		
b.	Contamination Surface staining Oil sheen Odors	Y 0 0 0	可 可 D N Unk	Y — 🗆	al Problem N □ □		Vegetation damage	Y			
TV	ERVIEWS										
•	Were interviews conduct □ No – Why not? □ Yes – Attach interview		norandur	n.		· · · · · · · · · · · · · · · · · · ·					
an	ne of Person			Da	te 	Te	elephone Number	Walterson	Position		

SITE 25			
COMMENTS (Add pages if required)			
FULL TAKE SITE LAN DOWN AREA			
LIMITED POTENTIAL FOR SUBSYRFAGE ENV	الك	MENTAL 15	>ング
NOTE: ACE STRUCTURE			
ACM/LBP			
UST			
LIST OF ATTACHMENTS			
NONC			
INITIAL CITE ACCECCMENT CONCLUCION			
INITIAL SITE ASSESSMENT CONCLUSION			
Does the project have potential hazardous waste involvement?	□ No	Thes ALM/LBP	
2. Should the project include any specifications?3. Are special acquisition considerations recommended?	□ No	☐ Yes – specify	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No	☐ Yes	
- Bused on this miliar one Assessment, is a Fremminary one investigation recommended?	ואו שו	Li Tes	
TS WILBUR - PRES. WILBUR GONSMITTER	n)(
15. WILBUR - FRES. WILBUR CONSMUTORIC ! Name and Title (print)	, CC,		
		1 1	
<u>A</u> Shlen		1/20/02	
Signature	Data	1	

Initial Site Assessment Checklist

WASHINGTON DEPARTME		ON	Project No.: Work Order:
Project Name:SOM PA	MIL BRIDGE	Region:	Route No.:
Milepost begin:	Milepost end:	County Nam	e: KING
Location and Work Description:	B611 14' AUR S	VACA	NT BUILDING -
PROJECT FEATURES (Check	"ves" if the answer is may	ne)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	□ Yes □ No	- Easements	☐ Yes ☐ No - Excavation ☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCRE	ENING		
1. What is the project setting?	□ rural □ mixed 🗗 urba	an	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial <i>22</i>	ราวห_ ☐ Rea	sidential Dotherdeveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial <u>Re</u> 	ENAIL Res	sidential Dotherdeveloped
 Which of the following records/ir Describe data in comments or at Federal NPL CERCLA RCRA Lists Permits Other 	State □ Ecology Hazardous Site	List d Contaminated Sites Report	Local/Regional Air Pollution Control Authority Fire Departments City/County Planning City/County Zoning Health Department Other
Physical Setting ☐ USGS Topographic Map Qua ☐ Aerial Photographs Date(s) ☐ Soil/Geologic Maps Source	1934, 1947	Historical Sources ☐ Fire Insurance Maps Sources ☐ Title Records ☐ Business/Street Director	urce Santson
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessn ☐ Other	nent completed by		
Are any known hazardous waste ☐ No ☐ Yes – identify and explain			
IOTE If there is potential for hazardo photograph(s) with the potenti	us waste involvement, use the al hazardous waste site(s) ide	back of this form to draw a s	ketch map, quad map, or attach

VI	ISUAL INSPECTION	١			
1.	☐ No – Why not? ☐ Yes – Inspection da	ate	r 20 - (Check below to indicate if any appear to present a potential l	y of these features are present in the immediate hazardous waste problem. Attach photographs
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	0 0 9 0 9 0 9 0	Potential Problem Unk Y N D — D D D — D D D — D D	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N C C C C C C C C C C C C C C C C C C
2b.	Contamination Surface staining Oil sheen Odors		Potential Problem Unk Y N	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □
IN 7	TERVIEWS Were interviews conduction Who – Why not? □ Yes – Attach intervie		ındum. 🕹		
Nan	ne of Person		Date	Telephone Number	Position/Title
CIT	E MAP SKETCH		-		

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Exhibit 447-4, Page 2 of 3

COMMENTS (Add pages if required)		
LIMIT POTENTIAL FOR SUBSULFACE ENVIRON	ome	um Concern.
NOTE: AGE STUCTURE - POTENTALISSIES		
1) ACM (LBP		
2) UST		
2)05,		
		,
LIST OF ATTACHMENTS		
NONE		
INITIAL SITE ASSESSMENT CONCLUSION :		
Does the project have potential hazardous waste involvement?	□ No	Yes Acm/LDP
2. Should the project include any specifications?	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?	□ No	면 Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	D1No	☐ Yes
ASWL PRES. WILBUR GONSULTINE	INC.	
Name and Title (print)		
1.1		
45W-		9/20/02
Signature /	Date	

Initial Site Assessment Checklist

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Environmental Procedures Manual M 31-11 July 2001

photograph(s) with the potential hazardous waste site(s) identified.

۷I	SUAL INSPECTION										
1.	☐ No – Why not? ☐ Yes – Inspection dat	te _	U/C nether or		e features	- Chec	k below to indicate if a ar to present a potentia	iny of the	ese feature ous waste	es are present in e problem. Atta	n the immediate ch photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y00000	(A) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C		ial Problem N □ □ □ □ □ □ □ □ □ □ □		Piles Transformers Chemical storage Service stations Landfill	Y 0 0 0 0 0		Potential Problem	
2b.	Contamination Surface staining Oil sheen Odors	Y		k Y	al Problem N		Vegetation damage	Y		Potential Problem Y N	
ГΝ	ERVIEWS										
۱.	Were interviews conduct ✓ No – Why not? ✓ Yes – Attach interview		norandu	ım.				7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
lan	ne of Person			Da ⁻	te		elephone Number		· I	Position/Title	

COMMENTS (Add pages if required)		
LIMITED POTENTIAL FOR ENVIRONMENTAL	SUB	SULFAUL ISSUES
- NOTE: AGE OF STWUTURE UST POTENTA	· 5	ACM (LBP ISSURS
LIST OF ATTACHMENTS		
NOT NONE		
INITIAL SITE ASSESSMENT CONCLUSION		
 Does the project have potential hazardous waste involvement? 	□ No	OYes acm/LBP-US
2. Should the project include any specifications?	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?	□ No	☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	□ Yes
T.S. WILBUR PIESS. WILBUR CONSULTING Name and Title (print)	INC.	
T.S. WILBUR PROSS. WILBUR CONSULTING Name and Title (print)	INC.	22/22

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Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPORTATION INITIAL SITE ASSESSMENT CHECKLIST	N Project No.:Work Order:
	Region: Route No.:
	County Name: KNC
11	House
NOTE POTENTIAL TOKE PROPERTY	
PROJECT FEATURES (Check "yes" if the answer is maybe	<u> </u>
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Pelocate utilities ☐ Yes	Easements
HAZARDOUS WASTE SCREENING	
1. What is the project setting? □ rural □ mixed □ urbal	n .
2a. What is the current land use?	
☐ Industrial ☐ Commercial ☐	☐ Residential ☐ Other ☐ Other
☐ Light Industrial ☐ Agricultural	Undeveloped
2b. What is The Past Land Use?	D Other
☐ Industrial ☐ Commercial ☐ Light Industrial ☐ ☐ Agricultural ☐	☐ Residential ☐ Other ☐ Undeveloped
Which of the following records/information sources were used in Describe data in comments or attach copies.	this assessment? 51TE NOT LIS WOO B7 ALENCES
Federal State	Local/Regional
☐ TEcology Hazardous Site L ☐ CERCLA ☐ Confirmed and Suspected	List
☐ RCRA Lists ☐ LUST Lists	☐ City/County Planning
☐ Permits ☐ Other _EDA DATA 3A	☐ City/County Zoning ☐ Health Department
	□ Other
Physical Setting	Historical Sources
☐ USGS Topographic Map Quad Name	The Insurance Maps Source SANGALN
☐ Aerial Photographs Date(s) //34 //947 ☐ Soil/Geologic Maps Source	☐ Title Records
Other ☐ Region files ☐ Photographs	
☐ A previous Initial Site Assessment completed by ☐ Other	
Are any known hazardous waste sites adjacent to the project an	ea (approximately 1 mile) which may affect the project?

NOTE If there is potential for hazardous waste involvement, use the back of this form to draw a sketch map, quad map, or attach photograph(s) with the potential hazardous waste site(s) identified.

۷I	SUAL INSPECTION										
1.	□ No – Why not? □ Yes – Inspection da	te _	4 of the sether or	not thes	e feature	- Chec s appea	k below to indicate if al ar to present a potentia	ny of the	ese feature lous waste	es are present e problem. Att	in the immediate ach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Y 0 0 0 0 0	e c	k Y	itial Problem N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0			m
₽b.	Contamination Surface staining Oil sheen Odors	Y	T		al Problem N		Vegetation damage	Y 	N Unk	Potential Problen Y N	n
NT	TERVIEWS		· · · · · · · · · · · · · · · · · · ·		7						
•	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview		norandur	m.	-				······································		
lan	ne of Person			Da	te	Te	elephone Number	**************************************	F	Position/Title	

COMMENTS (Add pages if required)		
POTENTIAL TAKE PROPERTY -		
UST (OIL HEATING TANK) POTENTIAL ACM/LTSP - ACE STRUCTURE		
ACM/LIBP - ACE STRUCTURE		
HONG		
140101		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	Yes ACM/LBP
2. Should the project include any specifications?	□ No	☐ Yes – specify
Are special acquisition considerations recommended?	□ No	☑ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	D No	☐ Yes
I.S. WILBUR PRES. WILBUR CONSULTING INC		
Name and Title (print)		
45M		2 2 2
JOVVI		1/20/02

SME 29

Initial Site Assessment Checklist

	ASHINGTON DEPARTME ITIAL SITE ASSESSMEN'		DN	Project No.: Work Order:
Pro	pject Name: <u>SOUTH</u> PAN	IL BRIDGE	Region:	Route No.:
				KINL
Loc	ation and Work Description: _ AS <ののい~)	B421 144 AUR.	s. (BAB)	IAS SEWING - FORMER
PR	OJECT FEATURES (Chec	k "yes" if the answer is mayb	pe)	
	Yes DNo - New ROW Yes No - Relocate utilities	☐ Yes ☐ No ☐ Yes ☐ No	- Easements - Dewatering required	☐ Yes ☐ No - Excavation ?☐ Yes ☐ No - Railroad ROW
НА	ZARDOUS WASTE SCRE	ENING		
1.	What is the project setting?	☐ rural ☐ mixed ☐ urba	an .	
	What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial <i>Sa</i>	WING FALTON 7 □ Resid	dential Dotherveloped
	What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	□ Commercial	SMAD> ☐ Resid	lential Dotherveloped
	Which of the following records/i Describe data in comments or a	nformation sources were used i	n this assessment?	
	Federal Property Communication Federal Federal	回LUST Lists ーんらて	d Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
[[Physical Setting 전 USGS Topographic Map Qua 크 Aerial Photographs Date(s) 그 Soil/Geologic Maps Source	1734	Historical Sources ☐ Fire Insurance Maps Source ☐ Title Records ☐ Business/Street Directories	CE SAUBOUN MARS
]]]	Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assess ☐ Other	ment completed by		
	are any known hazardous waste 9 No □ Yes – identify and explain	sites adjacent to the project ar	ea (approximately 1 mile) which	n may affect the project?
NOTE	E If there is potential for hazard photograph(s) with the poten	ous waste involvement, use the tial hazardous waste site(s) ide	back of this form to draw a ske	etch map, quad map, or attach

VI	SUAL INSPECTION			
.1.	☐ No – Why not? ☐ Yes – Inspection date	hether of not these features	· Check below to indicate if ar appear to present a potential	ny of these features are present in the immediate hazardous waste problem. Attach photographs.
2a.	Physical features Y Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Potential Problem N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D
2b.	Contamination Y Surface staining Oil sheen Odors NEW ASP nm S MAN	Potential Problem N Unk Y N O - O O O O O STATE OF THE PROBLEM OF T	Vegetation damage	Potential Problem Y N Unk Y N
INT	ERVIEWS			
1.	Were interviews conducted? ☑ No – Why not? ☐ Yes – Attach interview me	morandum.		
Nan	ne of Person	Date	Telephone Number	Position/Title

COMMENTS (Add pages if required)			
SEE EDR DATABASK REPORT			
LUST SITE / NO REMEDIATION TERPORT FILES	<u> </u>	WDOR N.	W OFF
LICT OF ATTAQUMENTO			
LIST OF ATTACHMENTS			
			1
INITIAL SITE ASSESSMENT CONCLUSION			
Does the project have potential hazardous waste involvement?	□ No	Ľ Yes	
2. Should the project include any specifications?	□ No	☐ Yes – specify	
Are special acquisition considerations recommended?	□ No	Yes	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☑ Yes	
T.S. WILBUR POSS. WILBUR CONSULTING Name and Title (print)	inc.		
Name and Title (pint)			
45 Wh-	C	2/20/02	
Signature	Date		

SME 30

Initial Site Assessment Checklist

_	N DEPARTMENT ASSESSMENT	NT OF TRANSP	ORTATI	ON				oject No.: ork Order:	
Project Name:	SOUTH PAN	K BRIDGE		Region:					
Location and Wo	ork Description:	Milepost end: 8425 14 ⁴	AVE.	<u>5</u>	FORM	na c	ens s	inan on T D	rr cur
PROJECT FE	ATURES (Chec	k "yes" if the answ	er is may	be)					
☐ Yes ☐ No ☐ Yes ☐ No	- New ROW - Relocate utilities	⊡ Ye.	S No	- Easements - Dewatering	required		☐ Yes ☐ Yes	☐ No - Excavat ☐ No - Railroad	ion I ROW
HAZARDOUS	WASTE SCRE	ENING							
1. What is the	project setting?	□ rural □ mi	ked 🗖 urt	oan					
☐ Industrial	current land use? strial	☐ Comm Agricu	ercial <u>A</u> Iltural	As STATION -	1130 - 1960 - [1972 [<i>- /1⇔</i> ⊐ Reside ⊐ Undev	ential eloped		
☐ Light Indu	ustrial		itural			□ Undev	eloped		
3. Which of the Describe dat	following records/i	nformation sources attach copies.	vere used	I in this assess	sment? (5/775 1	voj Li	sms 97 A6	RULES)
Federal ☐ NPL ☐ CERCLA ☐ RCRA Lis ☐ Permits _		State Ecology Haza Confirmed an	d Suspect	ed Contamina	ited Sites F	Reports	☐ Fire I ☐ City/0 ☐ City/0 ☐ Healt	ollution Control Au	·
	pographic Map Qua ptographs Date(s)	ad Name /934 _, /947		Historical Fire Insu Title Red Busines	urance Ma			1BORN POLIL	
Other ☐ Region file ☐ Photograp ☐ A previous ☐ Other	ohs s Initial Site Assess	ment completed by				·		-	
4. Are any know		e sites adjacent to th						ect the project?	
NOTE If there is	potential for hazard	lous waste involvem	ent, use ti	ne back of this	form to dr	aw a ske	tch map.	quad map, or attac	ch

photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION									
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection dat project area. Indica Describe in commer	e	ether or not the		Check appea	k below to indicate if an Ir to present a potential	y of the	ese feature lous waste	s are present in problem. Attac	the immediate h photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	>000000				Piles Transformers Chemical storage Service stations Landfill		9 0 0 0 0 0 0 0	Potential Problem Y N U D U D U D U D U D U D U D U D U D U D	
2b.	Contamination Surface staining Oil sheen Odors	Y D 0				Vegetation damage	Y 0 0 0	N Unk	Potential Problem Y N	
INT	ERVIEWS									
	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview		norandum			· ·				
		V 111011								
Nam	ne of Person			Date		elephone Number		P	Position/Title	

Environmental Procedures Manual M 31-11 July 2001

SITE MAP SKETCH

Exhibit 447-4, Page 2 of 3

SITE ISNOT LISTED BY ACENCIES - BUT PASS			汇
VISIT INDICATE HIGH POTENTIAL FOR ENVIROND NOTE: VENT PIPES ON STRUTURE CHEMICAL STONAGE CONTRIVE (CAMULE P. SITE.			NRS
- 695 SMATION 1930, - 1940			
-1940-1990; DRY CLASNEW			
LIST OF ATTACHMENTS			
INITIAL SITE ASSESSMENT CONCLUSION			
Does the project have potential hazardous waste involvement?	□ No	Yes	
2. Should the project include any specifications?	□ No	☐ Yes – specify	
3. Are special acquisition considerations recommended?	□ No	☐ Yes	
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	⊡ Yes	
T.S. WILBUR PRES. WILBUR CONSULTING Name and Title (print)	WG.		
1<1 <u>u</u>		alala	
Signature	Date	100100	

COMMENTS (Add pages if required)

Initial Site Assessment Checklist

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		RTATION				oject No.:
Project Name:SOUTH PAM.						
Milepost begin:	Milepost end:			County Name:	KIN	14
Location and Work Description:	8701 14	AVZ	<u>S.</u>	SEA OM	MAR CE.	Community HARSE
PROJECT FEATURES (Check	-	-	•		· /	2
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	⊡Yes □ Yes	□ No - □ No -	Easements Dewatering	required	□ Yes	☐ No - Excavation (In No - Railroad ROW
HAZARDOUS WASTE SCREE	ENING					
1. What is the project setting?	□ rural □ mixed	l 🗖 urbar	1			
2a. What is the current land use?						
□ Industrial	[9] Commer	cial MA	Esim	□ Resid	dential	
☐ Light Industrial		ral		Unde		
2b. What Is The Past Land Use?						
☐ Industrial	☐ Commer	cial <i>mA</i>	101m	Resid	lential	Dother
☐ Light Industrial		ral		Unde	veloped	Maria de Caración
3. Which of the following records/in Describe data in comments or at Federal ☑ NPL ☑ CERCLA ☑ RCRA Lists ☐ Permits ☐ Other	formation sources we tach copies. State Ecology Hazardo Confirmed and S LUST Lists Other	ous Site L Suspected	.ist I Contamina		Local/F Air F Fire City/ City/	Regional Pollution Control Authority Departments County Planning County Zoning Ith Department
Physical Setting USGS Topographic Map Quad Aerial Photographs Date(s) Soil/Geologic Maps Source	d Name / 134 _/ 1947		Historical Fire Insu Title Rec Busines	rance Maps Sou		NBONN POLIK
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessr ☐ Other						
4. Are any known hazardous waste ☐ No ☐ Yes – identify and explain	sites adjacent to the p	project are	ea (approxim	nately 1 mile) whic	ch may aff	ect the project?
NOTE If there is potential for hazardo photograph(s) with the potent				form to draw a si	ketch map	, quad map, or attach

Environmental Procedures Manual M 31-11 July 2001

VI	SUAL INSPECTION							
1.	Was a visual inspection ☐ No – Why not? ☐ Yes – Inspection da project area. Indica Describe in comme	te _	4/oz nether or not	these features	- Chec appea	k below to indicate if ar ur to present a potential	ny of the	ese features are present in the immediate dous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	>000000				Piles Transformers Chemical storage Service stations Landfill	> 0 0 0 0 0	Potential Problem N Unk Y N D
2b.	Contamination Surface staining Oil sheen Odors	Y	N Unk	Potential Problem Y N		Vegetation damage	Y 	Potential Problem N Unk Y N
INT	ERVIEWS							
1.	Were interviews conduction No – Why not?							
	☐ Yes – Attach intervie	w mei	morandum.			ć		
Nam	ne of Person			Date		elephone Number		Position/Title
						·		

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SITE MAP SKETCH

Exhibit 447-4, Page 2 of 3

SITE HAS LIMITED POTENTIAL FOR ENVIRONMENTAL CONCERN — NOTE: ALC UP STANCTURE ACM/LIBP WOULD BE AN ISSUE LIST OF ATTACHMENTS NONE
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· · · · · · · · · · ·
NONE
INUTIAL OUT ACCESSION CONSTRUCTION
INITIAL SITE ASSESSMENT CONCLUSION
 Does the project have potential hazardous waste involvement? Should the project include any specifications?
 Should the project include any specifications? Are special acquisition considerations recommended? ✓ No ☐ Yes
4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 世No 口Yes
T.S. WILBIN — PRES. WILBUR CONSULTING INC. Name and Title (print)
45M- 9/20/02
Date Date

COMMENTS (Add pages if required)

S/TE 32

Initial Site Assessment Checklist

	ASHINGTON DEPARTMEI		ON	Project No.: Work Order:
Pr	oject Name: South Par	IL BRIDGE	Region:	Route No.:
Mi	lepost begin:	Milepost end:	County Name	KINL
Lo	cation and Work Description:	8700 14 ANE.	S R.L. G	OOK SAMS & SUPPLY WAN
PI	ROJECT FEATURES (Check	k "yes" if the answer is may	/be)	
	Yes No - New ROW Yes No - Relocate utilities	□ Yes □ No □ Yes □ No	- Easements - Dewatering required	☐ Yes ☐ No - Excavation☐ Yes ☐ No - Railroad ROW
H	AZARDOUS WASTE SCRE	ENING		
1.	What is the project setting?	rural 🗆 mixed 🗹 urt	pan	
2a.	What is the current land use? ☐ Industrial ☐ Light Industrial	☐ Commercial ∠/	Vanc wok ☐ Res	idential Dothereveloped
2b.	What Is The Past Land Use?			
	☐ Industrial ☐ Light Industrial	□ Commercial	AS SMATION ☐ Resi	dential Dothereveloped
3.	Which of the following records/ir Describe data in comments or a	nformation sources were used ttach copies.	I in this assessment? (sin=	LISTES DALBOR AS A LUSTS.
	Federal D'NPL CERCLA CRACRA Lists Permits Other	LL LUST Lists	ed Contaminated Sites Reports	Local/Regional ☐ Air Pollution Control Authority ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
	Physical Setting USGS Topographic Map Qua Aerial Photographs Date(s) Soil/Geologic Maps Source	1134,	Historical Sources Fire Insurance Maps Sou Title Records Business/Street Directori	irce SANBON
	Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessr ☐ Other	ment completed by		
4.	Are any known hazardous waste □ No □ Yes – identify and explain			
NOT	TE If there is potential for hazardo photograph(s) with the potent	ous waste involvement, use th ial hazardous waste site(s) id	ne back of this form to draw a s entified.	ketch map, quad map, or attach

Environmental Procedures Manual M 31-11 July 2001

Exhibit 447-4, Page 1 of 3

VI	SUAL INSPECTION						(
1.		ete whether or not thes				res are present in the immediate te problem. Attach photographs.	
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	Poter Y N Unk Y D D D D D D D D D D D D D D D D D D D	N	Piles Transformers Chemical storage Service stations Landfill		Potential Problem YN ON ON ON ON ON ON ON ON ON	, TV=
2b.	Contamination Surface staining Oil sheen Odors	Poten Y N Unk Y	tial Problem N	Vegetation damage		Potential Problem Y N —	
IN	TERVIEWS						
1.	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview				·		()
Nar	ne of Person		ate T	elephone Number		Position/Title	

COMMENTS (Add pages if required)			
EUST - PROPERTY W/ WDOR -			
REMEDIATION REPORT FOR SITE & UST TOO CN.W. WOOL OSCILL	EMDU 2	Tech J.	
LIST OF ATTACHMENTS		 	
SER EDR DATA BASE TOEPORT			
NITIAL SITE ASSESSMENT CONCLUSION			
NITIAL SITE ASSESSMENT CONCLUSION 1. Does the project have potential hazardous waste involvement?	□ No	Yes	
	□ No □ No	□Yes □ Yes – specify	
Does the project have potential hazardous waste involvement?			,
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No □ No	☐ Yes - specify	·
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No □ No	☐ Yes — specify ☐ Yes	
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ No □ No	☐ Yes — specify ☐ Yes	
Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No □ No	☐ Yes — specify ☐ Yes	
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ No □ No	☐ Yes — specify ☐ Yes	
Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No □ No	☐ Yes — specify ☐ Yes	
Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No □ No □ No	☐ Yes — specify ☐ Yes	

SITES 34 7 35

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT OF TRANSPORTATION INITIAL SITE ASSESSMENT CHECKLIST	Project No.:
Project Name:	
Milepost begin: Milepost end: County Name:	INL
Location and Work Description: 8721 14 ⁴ AUC S. — PARICING C	OT / A.D. SWAYNE
PROJECT FEATURES (Check "yes" if the answer is maybe)	
☐ Yes ☐ No - New ROW ☐ Yes ☐ No - Easements ☐ Yes ☐ Yes ☐ No - Dewatering required ☐ Yes	es □ No - Excavation ? es □ No - Railroad ROW
HAZARDOUS WASTE SCREENING	
1. What is the project setting? □ rural □ mixed ⊡ urban	
2b. What Is The Past Land Use? □ Industrial □ □ Commercial 🖽 ≤ᠬᡘ → □ Residential □ Light Industrial □ □ Agricultural □ Undevelope	
3. Which of the following records/information sources were used in this assessment? Describe data in comments or attach copies.	
Federal State Loc □ NPL □ Ecology Hazardous Site List □ Confirmed and Suspected Contaminated Sites Reports □ PRCRA Lists □ LUST Lists □ Confirmed and Suspected Contaminated Sites Reports □ Confirmed and Suspected Contaminated Sites Reports □ Permits □ Other □ Other □ DATA DASA □ Confirmed and Suspected Contaminated Sites Reports	cal/Regional Air Pollution Control Authority Fire Departments Ćity/County Planning City/County Zoning Health Department Other
Physical Setting Historical Sources □ USGS Topographic Map Quad Name □ Fire Insurance Maps Source □ Aerial Photographs Date(s) 1/34 47 □ Soil/Geologic Maps Source □ Business/Street Directories Source	SANDON
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessment completed by	
4. Are any known hazardous waste sites adjacent to the project area (approximately 1 mile) which may No Yes – identify and explain ADJACT PARATE TO NO. WITH ALLD.	

NOTE If there is potential for hazardous waste involvement, use the back of this form to draw a sketch map, quad map, or attach photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION					
1.	☐ No – Why not? ☐ Yes – Inspection dat	e	ther or not		Check below to indicate if a res appear to present a potenti	any of these features are present in the immediate al hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	00000	ब्बब्ब्व्टिं 		Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
2b.	Contamination Surface staining Oil sheen Odors		N Unk U U U U U U U U U U U U U	Potential Proble Y N -	Vegetation damage	Potential Problem Y N Unk Y N
INT	ERVIEWS					
1.	Were interviews conduct ☑ No – Why not? ☐ Yes – Attach interview		orandum.		ć	
Nam	ne of Person			Date	Telephone Number	Position/Title

SITES 34 935		
COMMENTS (Add pages if required)		
STE IS A LUST PROPERTY - WDOF		
NO REMEDIATION FERSTS ON FUE IN NW WADE	OFFL	ىرى
LIST OF ATTACHMENTS		
SEE EDR DATABASE SFARLUL		
MITTAL OF ACCOUNTY OF ACCOUNTY		
INITIAL SITE ASSESSMENT CONCLUSION		
Does the project have potential hazardous waste involvement?	□ No	Yes
2. Should the project include any specifications?	□ No	☐ Yes – specify
3. Are special acquisition considerations recommended?4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended?	□ No	☑ Yes
- Based on this mittal site Assessment, is a Freimiliary site investigation recommended?	□ No	⊡Yes
Mame and Title (print)		
Name and Title (print)	•	
		1 4
Signature Signature	9	20/02
Signature /	Date	

SITES 42-47

Initial Site Assessment Checklist

WASHINGTON DEPARTMEN INITIAL SITE ASSESSMENT		ION		roject No.: /ork Order:
Project Name: SOUTH PARK	BRIDGE	Region:	R	oute No.:
Milepost begin:	Milepost end:	Count	ty Name: KIM	4
Location and Work Description: _/	05797 1203 120 RESIDENAM	PROPERTIES	STEERT /	1230,1224,1220,5
PROJECT FEATURES (Check	"yes" if the answer is ma	ybe)		
☑ Yes ☐ No - New ROW ☐ Yes ☐ No - Relocate utilities	□Yes □ No □Yes □ No	o - Easements o - Dewatering required	☐ Yes	☐ No - Excavation ☐ No - Railroad ROW
HAZARDOUS WASTE SCRE	ENING			
1. What is the project setting?	□ rural □ mixed ☑ ui	ban		
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	□ Commercial _ □ Agricultural _		☐ Aesidential ☐ Undeveloped_	
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	□ Commercial _ □ Agricultural _		☐ Residential ☐ Undeveloped_	
3. Which of the following records/in Describe data in comments or at Federal □ NPL □ CERCLA □ RCRA Lists □ Permits □ Other		te List cted Contaminated Sites	☐ Air s Reports ☐ Fire ☐ City ☐ City ☐ Hea	/Regional Pollution Control Authority Departments //County Planning //County Zoning alth Department der
Physical Setting USGS Topographic Map Qua Aerial Photographs Date(s) Soil/Geologic Maps Source	d Name 1936, 47	Historical Source Fire Insurance M Title Records Business/Street		ANBORN POLK
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessr ☐ Other	nent completed by			
 4. Are any known hazardous waste □ No □ Yes – identify and explain NOTE If there is potential for hazardous photograph(s) with the potential 	ous waste involvement, use	the back of this form to	, .	

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VI	SUAL INSPECTION	1				
1.	☐ No – Why not? ☐ Yes – Inspection da	ate _	9/02 nether or no	t these features	Check below to indicate if an appear to present a potential	y of these features are present in the immedia hazardous waste problem. Attach photograph
2a.	Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds	> 0 0 0 0 0 0		-	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D
2b.	Contamination Surface staining Oil sheen Odors	Y 0 0 0	N Unk	Potential Problem Y N -	Vegetation damage	Potential Problem Y N Unk Y N D D D D D D D D D
IN	TERVIEWS .					
1.	Were interviews condu □/No – Why not? □ Yes – Attach intervie		morandum.			
Nar	ne of Person			Date	Telephone Number	Position/Title

LIMITED EN POTENTIM EN SUBSONFACE ENVIRONM	VENM	IMPACIS
- NOTE: AGR OF STANCTURES ALM/LBP		
UST - HISTING OLL		
USI - MASTING OFC		
LIST OF ATTACHMENTS NONE		
EIOT OF ATTACTMENTO WORK		
INITIAL SITE ASSESSMENT CONCLUSION		
	□ No	TOVOS ALM /LBP
Does the project have potential hazardous waste involvement?	□ No	Tyes ALM/LBP
 Does the project have potential hazardous waste involvement? Should the project include any specifications? 	□ No	☐ Yes – specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No	☐ Yes – specify ☐ Yes
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No	☐ Yes – specify
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? 	□ No	☐ Yes – specify ☐ Yes
 Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ No □ No	☐ Yes – specify ☐ Yes
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? T.S. WIUBUR — PRES. WIUBUR GUNSUANG	□ No □ No □ No	☐ Yes – specify ☐ Yes
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? 	□ No □ No □ No	☐ Yes – specify ☐ Yes
 Does the project have potential hazardous waste involvement? Should the project include any specifications? Are special acquisition considerations recommended? Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? T.S. WIUBUR — PRES. WIUBUR GUNSUANG	□ No □ No □ No □ No	☐ Yes – specify ☐ Yes

COMMENTS (Add pages if required) PARTICL TO FULL TAKE PROPERTIES

SITE 49

Initial Site Assessment Checklist

WASHINGTON DEPARTMENT INITIAL SITE ASSESSMENT C		Project No.: Work Order:
Project Name: SOUTH PARK	Region:	Route No.:
		y Name: KING
Location and Work Description:	3410 DALLAS AVE S.	SPENCER INDUSTRIES -
	A.	IRCRAFT PARTS MANUFACTURE
PROJECT FEATURES (Check "	yes" if the answer is maybe)	
☐ Yes ☐ No - New ROW☐ Yes ☐ No - Relocate utilities	☐ Yes ☐ No - Easements ☐ Yes ☐ No - Dewatering required	☐ Yes ☐ No - Excavation☐ Yes ☐ No - Railroad ROW
HAZARDOUS WASTE SCREEN	VING	
1. What is the project setting?	□ rural □ mixed □ urban	
2a. What is the current land use? ☐ Industrial ☐ Light Industrial	AIRCRAFT FRANTS ☐ Commercial MANURACTURA ☐ Agricultural	☐ Residential ☐ Other ☐ Undeveloped
2b. What Is The Past Land Use? ☐ Industrial ☐ Light Industrial	☐ Commercial	☐ Residential ☐ Other ☐ Undeveloped
3. Which of the following records/info Describe data in comments or atta	rmation sources were used in this assessment? ch copies.	
☑ NPL ☑ CERCLA ☑ RCRA Lists	State 「Ecology Hazardous Site List 「Confirmed and Suspected Contaminated Sites 「LUST Lists 「YOther <u>FOA のAMBAS</u> A	Local/Regional ☐ Air Pollution Control Authority Reports ☐ Fire Departments ☐ City/County Planning ☐ City/County Zoning ☐ Health Department ☐ Other
Physical Setting USGS Topographic Map Quad I Aerial Photographs Date(s) Soil/Geologic Maps Source		aps SourceSANBORN S
Other ☐ Region files ☐ Photographs ☐ A previous Initial Site Assessme ☐ Other	nt completed by	
ଘ⊁ର୍No □ Yes – identify and explain	tes adjacent to the project area (approximately 1 m	

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photograph(s) with the potential hazardous waste site(s) identified.

VI	SUAL INSPECTION				
1.	Was a visual inspection □ No - Why not? □ Yes - Inspection da project area. Indica Describe in comme	te $\frac{4 2}{2}$ ate whether of	r not these features	Check below to indicate if a appear to present a potentia	ny of these features are present in the immediate Il hazardous waste problem. Attach photographs.
2a.	Physical features Underground tanks Surface tanks Sumps Basins Containers Pits/Ponds		Potential Problem Alk Y N P	Piles Transformers Chemical storage Service stations Landfill	Potential Problem Y N Unk Y N D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D
	Contamination Surface staining Oil sheen Odors		Potential Problem k Y N] —	Vegetation damage	Potential Problem Y N Unk Y N □ □ □ □ □ □ □ □ □ □ □ □
NT	ERVIEWS				
125	Were interviews conduct No – Why not? ✓ Yes – Attach interview		m.		•
am	ne of Person		Date	Telephone Number	Position/Title

SITE MAP SKETCH

SITE 49

COMMENTS (Add pages if required) NOT A TAKE PROPERTY -KNOWN CONTAMINATION TO SOIL J GROWN HZO @ 5.TR -W/IN 1/3 OF MILE OF PRODECT SIDE UPGRIMIT OF PROVERSION LIST OF ATTACHMENTS ____ NONL INITIAL SITE ASSESSMENT CONCLUSION ☐ Yes □ No 1. Does the project have potential hazardous waste involvement? ☐ Yes - specify _ 2. Should the project include any specifications? □ No ☐ Yes 3. Are special acquisition considerations recommended? □ No ☐ Yes 4. Based on this Initial Site Assessment, is a Preliminary Site Investigation recommended? □ No

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ASM

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Signature



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3rd and Madison

14TH AV S—Contd
2122\(\triangle \triangle \triang

Bayview Intersects Beacon av begins

Beacon av be
2503-47 Liberty Court Apts
Dudley Chas R mgr
Altkenhead Arth J
Adnderson Vaughn E
Armstrong Mary H
Ashbaugh Kenneth
Ate Leonard I
Barkeil DeWitte
Barter Ralph G
Bate Burton R
ABrown Ivan H
Braseth Harvey B
Brearcliff Ed Braseth Harvey B
Brearcilff Ed
Brydsen Dorothy Mrs
Bullington Gene E
Burke Francis P
Burr Fred W
Butler Glen E
Cammon Roger
Carlson Marion
Chaplin G Kenneth Chaplin G Kenneth Conn Clarence A Craft Robt L Craft Robt L
ACroshaw Wm F
D'Alessandro Attelio
Danner Ernest H
ADavis Wm E
Day Cecil
Dayton Lloyd F
Dillman Elroy W
Dow Clyde E
Ferguson John B
Fisher Vern A
Fletcher DeForrest Fletcher DeForrest Ford Edw L Frank Raymond K Gallaher Morgan
Gamble Chas E
Gimness Martin
Glotfelty Geo W
Goebel Glen K Goebel Glen K
AGorman Timothy S
AGraham Eva A Mrs
Harris A Evan
AHavighorst Carl R
Haws John F
Hellum Cecil H
Herzot Robt
Holke Donald H
OM-Madd John AHolland John Horner Jas K Houge Rudolph O

Alumber Frank
Jenkins John P
Johnson Clifford A
Johnson Paul A
Kaiser Elwood P
Kay Harry D
Krause Myrtle Mrs
Krogh Clare J
Alanksbury Ellen M
Lettich Ruth L Mrs
ALillie Clarence A
Lipsky Melvin
Lloyd Walter
Lowden Jas
Mahr Karl J AHumber Frank Mahr Karl J
Manning Chester Z
Mathews Ella Mrs
McAllister Andrew R
McCabe Jas H McCullough Wm M McCusher Hugh A McDaniel Hazel R McDaniel Hazel R
Miller Hinton F
Monroe Roland H
AMooney Jack J
Moore Wm B
Morello Jos C
AMozzone Pierre O
AMulkey Paul E
AMunroe Mabel M Mrs
Nees Wm AMulkey Paul E
AMulkey Paul E
AMunroe Mabel M Mrs
Nee Wm R
O'Hara Emmett E
Olsen Oliver
O'Reilly E Mrs
Ostler Anton
Paddock Wm L
Palmer Hasford H
Palmer Marie I Mrs
AParks Earl G
Parks Merwin S
Paulson Calvin F
Pavlat Geo P
Pease M C
Powers Corinne
Preston Thos R
Pruden Irving L
Ragan Winston A
Ramsay Wallace R
Renz Robt I
ARichardson Gale M
Ridings Lela S Mrs
Righl Stan
Rouse Gerald
Saalwechter Leonart T
Schultz Eug F
ASick Albert E
Smith Carl
Smith Verna Mrs
ASnellenberg Evert A
ASteele Victor H
Stetson Geo F
Stevenson Fred L
Stoeser Mary M Mrs
Swift Dixie Mrs
Thonssen Wm J
Urkanas John Swift Dixle Mrs Thonssen Wm J Urkanas John Ward Walter L
Williams Harvey H
Williams Philip jr
Wilmot John B
Wines Richd W Wines Richt
Wood Robt
Zerrenner Earl A
2512\Delta\Spencer Geo A \@
2522\Delta\O'Neill Neille Mrs \@ Lander intersect Lander intersects

2701 Chapin Horace S gro
2702 Ajantzen Ross C Mrs
2706 AOIson Victor ©
2709 ABiye Paul W
2710 Stutz Arth N ©
2711 Vacant
2711 Morgan Arth
2718 Graunstadt Aug C F ©
Greenhood Dorothy K Mrs
McClellan intersects
2802 AWong Henry ©

2807△Pollard Thos S @ 2808 Bond Arth E @
2811 Araines LeRoy @
2816 Elliott Richd
2817 A Wedel Geo A @
2821 A Lane Howard J စ္ခြဲ 3104 Vacant 3105 AMoore Sami ⊚ 3105 ∆Moore Sami ⊚
3107 Lindaey Jos C ⊚
3108 Alferlino John ⊚
3111 ÅPaulson Leander ⊚
3114 ÅPhilips Maurice S ⊚
3114 ÅPhilips Maurice S ⊚
3115 Dinorsio Chas ⊚
3115 ANorberg Gust B ⊚
3122 ÅHoss Amos W
3123 ÅMcCharles Andrew J ⊚ Hanford Intersects 3201 A Okumura Shotaro 3205 A Hinds John E @ 3208 A Horat Albert E @ 3211 A Olsen Oluf L @ 3212∆Dightman Richd A 3215 Vacant 3216∆Wilkinson Harry E ⊚ 3210 Avikinson Harry 3217 Pretare Dani ⊚ 3220 ANicholson Wm O 3221 Aruff Ernest D ⊚ 3224 Grinkovich Michi 3228 Carlona John ⊚ 3234 AHarlin Robt H ⊚ HÖ Horton stops 3301 ATsukuro T Hinds stops 3408 Grendahl Sidney 3412 Grendahi Sidney
3412 Grelckering Clarence H ⊚
3412 Grelckering Clarence H ⊚
3412 Grelckering Clarence H ⊚
3424 Grelckering Clarence H ⊚
3424 Grelckering Clarence H ⊚
3424 Grelckering H Grelcke Columbian way intersects
Lyon stops
Spokane intersects Court, Charlestown and Bradford Andover intersects 4011∆Utter Gust ⊚ Dakota Intersects Dakota intersects
4110 Almus Ray K ©
4139 AMcCrea W Harvey ©
4159 ANicholson Frodk A
Nevada Intersects
4311 AMasilotti Dani ©
4324 AKlingele Louis P ©
4335 ASpencer Guy M
4339 AFavro Mark F ©
4343 AJohnston Wm T ©
4350 Dunn Robt L ©
4354 ABanchero Edw ©
Oregon Intersects
4502 ASecord Wilton A ©

Sign Seeliger 126 A Oliver L 830 Vacant 135 A Tacona Porest isteraction of the control of 2921 Dell Sami N ©
Stevens Intersets
3001 APeters Carl A ©
3002 Kanig Albert V
Runyan Richd E
Albert Stevens Stevens
3005 Ablurphy Warren L
3005 Ablurphy Warren L
3008 Abluberg Chas G ©
3009 Abluberg Chas G ©
3013 AFilimovich Alex ©
3014 Ablus Couls ©
3014 Ablus Couls ©
3014 Ablus Couls ©
3021 AFlomas Matthew ©
3022 Awright Chas T ©
Winthrop Intersects
3104 Vacant 4502∆Secord Wilton A ⊚
4504 Vacant
4508 Vacant 4516∆Urie Edwin A ⊚

usi Kinkella S06 Skellenge S16 Storey M S17 Yorke Le S24 AHornung Lucile, O 921 Alyers V 928 Wootan 932 Wootan 900 Flaquinti g51 Vacant 6301 Dilonard 6308 DeBels 1 6309 Ohms B G11 Bloyed \
G13 Johnson
G14 Rumiz 521 Isaacson 523 △Collins

1323 4 Graff #24 Price W #327 A Colanni Bancher #329 Allison Nelson #331 Nichols #332 Gasper

6332 ¼ ∆ Dins: 6333 Hicks E 6338 Loser H 6338 1/2 Q Valle 6344 Rutelon: 6345 Steele I 6348 \(\triangle Riccio \) 6355 Steele 6357 Moore 6359 AEmery 6385 Andersc

1411 Fourt

Sno usl A Verschue

Unoi

Unopensi 1700△Air Reacety 1726△Seattle Corp. 7765∆Yaman 7784 A Plonee Prod

Kenyon an 8002∆Schmli Jacksor 8006∆Fuller Duwamish v

8506 Sander 8507 ASande Covell 8509 Lloyd 8515 AMiller Clemo 8520 Blanch 8523 A Glend Tillots 8524 Kluper Nellsei 8525 Casey Stehlli

8600 \ South 8601 \ Elsto: 8603 \ Wolff 8607 McKa: 8609 Vacan 8611 ABlake



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2802∆Wong Henry ⊚ 2803 Ruddy Saml G



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City Light Bld 2807APollard Thos S ⊚ 2808 Rond Arth E @ 2811 ARaines LeRoy @ 2816 Elliott Richd 2817 AWedel Geo A @ 2821 ALane Howard J 2811 A Wedel Geo A ©
2821 A Lane Howard J ©
2993 A Colasurdo Angelo A ©
2997 A West Geo F ©
2911 Brennan Laura E Mrs ©
2914 A Popovich Marcus J ©
2914 A Popovich Marcus J ©
2915 Donlan Wm F ©
2921 A Bell Saml N ©
2921 A Bell Saml N © Stovens Interests

\$601APeters Carl A

\$602 Ranig Albert V

Runyan Richd E

Anelson Eliz J Mrs

\$605AMurphy Warren L

\$605AMurphy Jos C

\$605AMurphy Stevens interse 8601 A Peters Carl A © 3002 Kanig Albert V 8301∆Tsukuro T Hinds stops 3408 Grandahl Sidney 3412APickering Clarence H @
3412APickering Clarence H @
3415AHiller Edgar G @
3420C Thompson Sylvester S @
AWilke Wilbur D
3434ALyden Thos J @
3423AWolrauch Harry N
Herbison Willard L
5436 Harris Wm L Columbian way intersects
Lyon stops
Spokane intersects
Court, Charlestown and Bradford

4011 AUtter Gust @ Dakota Intersects 4110 Almus Ray K ⊚ 4139 AMcCrea W Harvey ⊚ 4159 ANicholson Fredk A 4169 ANicholson Fredk A

Nevada Intersects

4311 AMasilotti Danl @

4326 AKlingele Louis P @

4336 ASpencer Guy M

4339 AFavro Mark F @

4350 Dunn Robt L @

4350 Dunn Robt L @

4354 ABanchero Edw @

4502 ASecord Wilton A @

4508 Vacant

4508 Vacant

4516 AUrie Edwin A @

INVESTMENT SECURITIES 1411 Fourth Ave. Bldg. 19 A Seeliger Clarence H ©
19 A Oliver Lucien E
19 Vacant
19 Aracona Felix P ©
Snoqualmie Intersects
19 Angeline Intersects
19 Kinkella John ©
Fordinand Intersects
19 Skellenger Chas G ©
19 Skellenger Chas G ©
19 Yorke Lenora C Mrs
19 Yorke Lenora C Mrs
19 Angeline Intersects
19 Skellenger Chas G ©
19 Yorke Lenora C Mrs
19 Angeline Intersects
19 Angeline Intersects intersect

g24 \(\text{Myers Wm } \otin \)

g23 \(\text{Wootan Elmer F } \otin \)

g24 \(\text{Wootan Jos A } \otin \)

g30 \(\text{Flaquenti Frank } \otin \)

Unopened to Stanley av

g51 \(\text{Vacant } \) BI Vacant
Hardy Interse

101 Dilonardo Jas V @

1020 DeBels Philip T @

1030 Ohms Blanche E Mrs

1031 Bloyed Wm C @

1031 Johnson Lawrence J

1031 Allinson Lawrence J

1031 Allinson Lawrence J

1031 Allinson Lawrence J

1032 ACollins Joel E @

1034 Price Wilson T

1037 AColannino Mary Mrs

1034 Allison Chas W @

1034 Nichols Norman L

1032 Allison Ellen M Mrs

1033 Nichols Norman L

1033 Hicks Harry H

1033 Loser Herman R

1038 Loser Herman R

1038 Loser Herman R Hardy Intersects 14TH AV SW—Fr ½ blk n of 1400 blk W Alaska s 4619 Myers Mabel E Mrs © W Alaska intersects 4707 McWade Robt 4710 Seguin Mattle Mrs 4746 MacLaurin Thos E © 4754 Taylor Saml R © 4758 Brown Pearl L Mrs © W Edmunds intersects 4754 Taylor Saml R ①
4758 Brown Pearl L Mrs ②
WE dmunds Intersects
4801 Adams Henry F ③
4850 Taylor Harry W ③
4850 Brooks Abel
Sandgren Einar E
4860 O'Connor Helen M Mrs ⑥
Ferguson Jas M
Unopened to W Brandon
W Findlay, Juneau, Kenny, Raymond, Graham, Morgan, Holly
and Myrite intersect
Unopened to W Webster
7502 Alles John
7503 AMCNichol Harold D ⑤
Doane Enna E Mrs
7511 Thorsen Tuano G ⑥
7512 Hubbard Marvin J ⑥
7515 Hill Linsey ⑥
7526 ASmith Maurice I ⑥
7526 ASmith Maurice I ⑥
7526 ASmith Maurice I ⑥
7537 Sherman Chas W ⑥
7537 Sherman Chas W ⑥
7538 Salsman Marvin A
W Holden Intersects
7712 AWyckoff Geo ⑥
7712 AUyckoff Geo ⑥
7713 ALLeech Orvilla ⑥
7724 AJohansen Magnus L ⑥
7734 Afylicox Frank C ⑥ 6338 Loser Herman R
6338 ½ A Vallen Orel E
6344 Rutolonis Peter
6345 Steele Harold J
6346 ARiccio Leonard A
6355 Steele Claude L
6357 Moore Clinton S
6359 A Emery Wm H
6365 Anderson Frank E
6365 Greeley intersects Unopened to E Marginal way 1700 Air Reduction Sales Co Products Corporation
Austin stops
Whipple ends

acetylene plant 1726 A Seattle Lime & Insecticide Corporation
7765 Yamane Jas H mkt gdnr
7784 Pioneer Enameled Steel

Whispie and Kenyon and Eingrove intersect 8002∆Schmid Andrew J ⊕ Jackson Marshall P 8006∆Fuller Jesse A ⊕ Duwamish waterway and Dallas av Intersect Sullivan stops

8506 Sanders Arth 0 8507 \(\Omega \) Sanders A 0 beer parlor Covell Shirley H restr 8509 Lloyd Walter barber 8515 \(\Omega \) Miller Harry E ice cream Clemo Chas L ©
8520 Blanchard Louis J plmbr
8523 Glendale Hardware Co
Tillotson Noyes D radio dlr
8524 Kluper John gas sta
Neilsen Elmer A auto repr

8525 A Casey's Tavern
Stehling Edw P
Cloverdale intersects

8600 A South Park Pharmacy 8601 A Elston Lydla A Mrs gro 8603 A Wolff Philip A clo prsr 8607 McRay Elmer C barber 8609 Vacant

8611∆Blake Fredk baker

8613 Flore Vito J variety store 8615 A Safeway Stores Inc gro and meats
8616 ASchrock E B @ phys
8617 Mansfield Lou H Mrs beer

parlor
8621∆Regis Frank gas sta
Donovan intersects
8710∆Chute W G ⊚ boat bldr

8712 Alem Albert N
Trenton Intersects
8801 Asharp Howard C dentist
8801 Amiller Carrie E beauty
shop
8803 Awashington State Liquor

Control Board agey Hull Geo L

Hull Geo L
Concord and Henderson intersect
9001 Powell Jean L gas sta
9011 Misslin Arth
tlr 9021 Madeleski Geo A ©
Director intersects

9412 Bisset Geo
9413 ALambert Leonard J
9413 Way Milford A
9421 Abéaton Louis
9440 Wass Lloyd E
9444 Ramey Henry A
9445 Nolson Geo P
9440 Awall Leo E
9450 Ablupree Edmond J
9455 AFiedler Benj E
9450 Abordhund John S 6

9460 Nordlund John S @ W Roxbury intersects

14TH AV W-Fr junc VanBuren ay and W Garfield n W Blaine Intersects Unopened to W Howe

1914 Ybojos Marcel

1916 Vacant

W Newton Intersects

W Newton Inters
2000 Keeley Raymond E
2006 Gohm Bessie M Mrs ©
2010 Dawley Alta M Mrs
2014 Morin Minnie Mrs ©
2016 Howle Jas P ©
2022 Ciffids Geo W
20224 Miskela Anna L Mrs
2022A Miskela Anna L Mrs
2022B Weise Louis F
2023 Legaz Jos A ©
2026A Nelson Chas H ©
2028A Miskela Miskela Mrs
2028 Miskela Mrs
2028 Garland Leland W

2029 Garland Leland W 2032 A Belgerson Matt ⊚

2032 Christian Matt ©
2036 Cachat
2045 Hilterson Harold
2052 Kond Herman E ©
2058 Amil Geo W
Wird John R
Amherson Ellis M
2058 Childs Geo W ir
2060 Kuen Gertrude E ©

W Boston Intersects

2060 Kuen Gerringe E

W Boston Intersec

2206 Ostrand Clara Mrs

2203 AMCRae Laura M Mrs

2203 AMCRae Laura M Mrs

2204 AMCRae Laura M Mrs

2214 AMCRae Laura M Mrs

2214 AMCRae Laura M Mrs

2214 AMCRae Laura M Mrs

2215 Amorita Freest

2217 AMCRAE CARREST

2217 AMCRAE FREEST

2217 Vacant

2224 Tacant

2224 Tacant

2224 Tacant

2224 Baiph Voneta V

2229 Baiph Voneta V

2229 Baiph Voneta V

2229 Baiph Voneta V

2229 Baiph Voneta V

2238 AMCRAE Marry P

2238 AMCRAE Marry P

2238 AMCRAE Marry M

2240 AMCRAE Marrie J Mrs

Kolesar Eliz Mrs

2240 AMCRAE Marrie J Mrs

Kolesar Eliz Mrs

2240 AMCRAE Marrie B

2247 Octobson Matt

2249 AMCRAE Geo E

Jorgenson Jorgen

2253 AJohnson Matt

22253 AJohnson Matt

22254 Alansen Jos A

7712AWyckoff Geo ©
7718ALeech Orville ©
7724AJohansen Magnus L ©
7738AWilcox Frank C ©
7

2253 AJohnson Matt @ 2257 AJensen Jos A 2257 14 Groce Jas S 2258 McHenry Geo A 2258 14 Burnette Hoyd B 2260 AHanson Olga J Mrs @ Gliman av and W Wheeler intersect

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14TH AV S—Contd
4306 Yakovich S Helen Mrs ®
EL 5298
4307 Kirkbride Arth E jr ® SE 5249
4310 Streck Myland L ® FL 1257
4311 Masilotti Dan ® SE 2133
4311 Levin Annie P Mrs ®
SE 7527
4317 Danmacher Henry E ®

SE 7527

4317 Dambacher Henry F ®

MA 1403

4318 Guay Edw J ® SE 7649

4321 Napoleone Ben L ® EL 2382

4322 Supino Dominic ® SE 0447

4326 Klingele Louis P ® SE 1198

4327 Johnson Raymond E ® SE 8148

4330 Thomas Mary Mrs ®

4331 Johnson Iral N ® SE 4109

4331 Johnson Iral N ® SE 1616

4335 Favro Mark F ® SE 3388

4326 Vacant

4339 Dubose Chas M SE 4083

4343 Wilbur Donald I ® SE 1032

1226 Vacant

4239 DuBose Chas M SE 4083

4343 Wilbur Donald I © SE 1032

4344 Thompson Gerald E © SE 5839

4350 McDonnell Jas F © SE 1808

4351 Merlino Michi A © SE 8465

4351 Strom John J © EL 2389

4351 Eyerdam Arth J © SE 1738

Oregon Intersects

1501 Currie Danl ir © LA 5531

4502 Manetsch Frank O © RA 5635

4504 Carness Otls H © LA 0502

4505 Dunn Wilfred G © bldg mice

LA 4213

4508 Peterson Earl C © RA 1113

4511 Borracchini Angelo © MO 3369

4512 Hulse John E B © LA 7630

4516 Del'almo Jas J © RA 7901

4519 Seeliger Clarence H © RA 3884

4522 Endress Anton N © RA 2304

4526 Miller Harold J © RA 8091

4527 DeBols l'hilip J © RA 4083

4536 Miller Harold J © RA 8069

4537 McGregor Marcheta Mrs ©

LA 6732

4538 Drisko Della G Mrs ©

LA 2673

4541 Eberharter Frank J © RA 9376

4539 Drisko Della G Mrs @
LA 2673

4541 Eberharter Frank J @ RA 9376

4545 Noci Robt J @ LA 5495

4548 Brees Fred D @ LA 0437

4519 Banchero John S @ RA 0466

4552 Stratis Mandis @ RA 4708

4553 Evans Victor J @ LA 3403

4556 Clark W G @
4557 Havill Oliver R @ RA 5773

Snoqualmie intersects

4621 Bellinger Lydia R Mrs @
RA 7906

4635 Daub Jas E

4645 Under construction

4815 Bost Chas A @ RA 0162
4815 Bost Chas A @ RA 0162
4821 Kinkella Michi LA 6901
4861 Kinkella Johanna Mrs @

LA 5139

Ferdinand intersects
Unopaned to Bennett
5306 Skellenger Chas G @ RA 4594
5316 Sherard Robt H @ RA 9237
5324 Hornung Frank J @ RA 8368
Lucile Intersects

Lucile intersects
Oreas Intersects
Oreas intersects
Swift av intersects
Swift av intersects
Clark Kenneth E RA 8845
5823 Shea Edw T

5832 Young Loren G

MO 3197
5900 Dillon Bert gardener RA 0156
Flaquint Frank

Unopened to Stanley av
MO 2211

6301 Cocces

6253 Well Done Clurs clo clus

MO 2211

Hardy Intersects
6301 Cooper Wm W @ LA 2288
6308 Grantland John P @ RA 4704
6309 Jones John D @ LA 1080
6311 Blored Anna Mrs @ RA 9142
6312 Sweeney Thos F @
6314 Bozich Jos @
6321 Spande Belle Mrs @
6322 Murphy Jas A @ RA 3239
6323 Murphy Jas A @ RA 3239
6323 Murphy Jas A @ RA 3239
6324 Lorenzen Victor S @ LA 4165
6327 Altegalon Harold F @ RA 6856
6329 Alilson Chas W @ RA 7398
6331 Vacant
6332 Peasley Jas B @ RA 1012
6332 Brown Danl M MO 4119
6333 Callahan Louis R @ LA 9290
6338 Looney Jos @ LA 0622
6340 Clemens Ralph T @
6344 Rutelonis Kate Mrs @ MO 2327
6345 Wickersham John P @ LA 0440
6348 Ricclo Lucy A Mrs @ RA 4692
6348 Ricclo Lucy A Mrs @ A 66557 Jackson Agnes M Mrs @
LA 8153
6359 Purdy Ray @ RA 5622
6365 Bachm Authony M MO 1666

Austin ends Whippio ends Kenyon intersects Elmgrove intersects Elmgrove intersects
buwamish waterway intersects
Dallas av intersects
Sullivan ends
Sullivan ends
Parking lot
Soulivan ends

LA 7925
8503 Kicen-Rite Clars cle clars

8508 Dick's ice Creamery restr

RA 9149 8510 Vacant 8514 McManigal Realty real est

LA 0180
LA 0180
8515 Cherrie Daze Cafe
8517 Walker Jos W @ jwlr
RA 0919
8520 Vacant

S520 Vacant
S523 Glendale Hdw RA 9811
S524 South Park Hdw RA 9811
S524 South Park Texaco Serv gas
sta RA 9681
S525 Park Tavern RA 9795
Cloverdale Intersects
S600 South Park Pharmacy RA 0192
S601 South Park Apparel women's
clo LA 3890
S603 A1 Shoc Repair LA 9960
E Z Way Laundry LA 9960
8007 South Park Barber Shop
8007 South Park Barber Shop
8008 South Park Barbery RA 9660
S611 South Park Barbery RA 9660
S613 South Park Billiard
RA 9754
S615 South Park Ten-Cent Store

8615 South Park Ten-Cent Store RA 7828 8616 Wieckmann Wilmer E @

RA 0630
Moen Eug
S617 Kelly's Tavern
8620 Nat's Cheyron Sery gas sta
LA 6445

8621 Frazier & Marshall Auto-motive Auto body reprs MO 4884

Donovan Intersects 8701 Moehrle Leonard A dentist RA 0187

RA 0187
Sharp Howard C dentist
RA 0187
8706 Wolff Cleaners RA 8484
8707 Snell Carl F

8714 Vacant
8720 Schless Clinic The RA 2470
8721 Veterans Sis Outlet LA 8267
Trenton Intersects

8800 Sitko's Garage auto repr LA 9400 8801 Wenner's Barber Shop

8801 Wenner's Barber Shop \$801 Yacant \$802 Klupers Serv gas sta RA 9997 \$803 Yacant 8807 McNeal's Children Shop MO 5351 8818 Michel's Hair Styling Studio LA 9178 \$822 Roulevard Cinrs clo RA 4646 8824 Thompson's Freeze MO 4770 8902 Lou's Richfield Serv gas sta MO 3510

MO 3510

Segon Tradewell Stores Inc (br)

8914 South End Pimbg LA 3100 8915 South Park TV Service MO 2020

Concord Intersects

Uoncord intersects
Henderson intersects
9001 Jerry's Garage auto repr
RA 5600
9021 Colello Wm @ RA 5338
9111 Shep's Eagle Gas Sta RA 9937
9133 King's Burgers restr RA 9534
9135 Yacant 9135 Vacant

Director intersects

14TH AV SW—From 1 blk north of 1400 blk W Alaska, south 4619 Stafford Wm (f) W Alaska intorsects

4707 McWade Pearl J Mrs @

4707 McWade Pearl J Mrs (6)
GL 5568
McPherson Wiloy M (2) AV 5949
4746 Stinebaugh Con O (6)
4754 Reed Sicard
4758 Brown Pearl L Mrs (6)
4762 Bond Fred (7)
4801 Adams Venus Mrs (7)
4805 Challante Costanina Mrs (7)
4828 Green John (8) HO 0426
4839 McWade Aline G Mrs (7)
4803 McWade Aline G Mrs (7)
4804 McWade Aline G Mrs (7)
4805 McWade Aline G Mrs (7)
4806 McWade Aline G Mrs (7)
4806 McWade Aline G Mrs (7)
4807 McWade Aline G Mrs (7)
4808 McWade Aline G Mrs (7)
4809 McWade Aline G Mrs (7)

Myrtie intersects
Myrtie intersects
Myrtie intersects
T020 Under construction
Unopened to W Webster
T502 MacDonald Fraser P @
T503 Wash Assn of Realtors
WE 1974
Forbush Lon @ WE 1974
T511 Mildenberger Nick A @
AV 9076
T513 Johnson Gust A @ WE 6382
T515 Iffil Linsey II @ AV 3086
T520 Welnholz Albert G @ WE 6998
T525 Kroll Eiven P @ WE 9280
T526 Peycke Chester A @ WE 2736
T528 Rud Otto @
T537 Sherman Chas W @ WE 0623
W Holden intersects
Church
Church
T520 Wester Losenbine Mrs @

W Holden Intersects
Church
Trie Wyckoff Josephine Mrs ©
WE 1784
Trie Leech Orville Mrs ® WF 5440
Trie Nelson Donald L ® AV 3141
Trie Leech Orville Mrs ® WF 5440
Trie Nelson Donald L ® AV 3141
Trie Leech Orville Mrs ® WF 5440
Trie Nelson Donald L ® AV 3141
Trie Nelson Donald L ® AV 6213
Trie Nelson Mrs WF 5198
W Kenyon intersects
Trie Nelson Mrs WF 5038
Trie Nelson Orville B ® AV 9250
Trie Newcomb Arth W ® WF 4139
Trie Newcomb Arth W ® WF 4506
Trie Newcomb Arth W \$100
Trie

S102 Klezka Jos (1)

R106 Therlault Ella Mrs (1) HO 0080

R106 Phillips Anthony J (1)

R118 Hill Henry E (1) HO 2320

R126 Walker Lester J (1) saw filer

AV 9708

8136 Sherwood Donald N @ AV 7784 8152 Peters Harold @ WE 3639 W Sullivan begins

W Sullivan Degins
W Cloverdale Intersects
8602 Krogstad Edw D HO 2767
8620 Edling Gunnar T @ WE 2605
8626 Brown Bruce E @ AV 7314
W Donovan begins 8706 Montgomery Richd C @ AV 1770

AV 1770

W Trenton intersects

SS11 Backman Elmer E Rev
AV 4327

8814 Yalovich John
WE 1566

8820 Sealey Irene M Mrs
AV 4907

8845 Under construction

8846 Davis Elmer C
M AV 0482

8850 Loveless Leonard
8857 Vacant

W Henderson intersects

9006 Holtslander Oliver B HO 3517 9007 Highland Park Apartments

9007 Highland Park Apartments
Apartments:

1 Duncan Wm A mgr WE 7146
2 Moore Wm A HO 4833
3 Locsch June
4 McShane Nora P
5 Cooper Maxine Mrs
Street continued
9012 Brown Geo M HO 4624
9012 Brown Geo M HO 4624
9018 French Francis R @ WE 3739
9022 Hill Geo J AV 9876
9023 McLaughlin Ciarcuce E @
WE 3896
9028 Saxby Louis WE 4164
9031 Vacant

W Barton intersects
9202 MoMeel Jos R ® AV 6165
9203 Vacant
9208 Bitzer Roy J WE 7591
9214 Lawrence Willard F ® WE 0604
9215 Miller Jack W ® HO 1649
9218 Jensen Elmer R ®
9224 Kaasa Otto D ® AV 6632
9228 Gabriel Floyd J ® WE 3322
9231 Noraine Reginald ® WE 4663
9234 Torgerson Maynard E ®
AV 8850
9215 Popovich Emil G ® WE 1272

9245 Popovich Emil G @ WE 1272 9250 Korthaus Clan P. Av. 222

Raymond intersects
Raymond intersects
Graham intersects
Morgan intersects
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Myrtle Intersects

9412 Hudson Ella Mrs @ HO 2519
9413 Bardsley Rose Mrs HO 4245
9413 Bardsley Rose Mrs HO 4215
9417 Amans Georglana @ WE 156:
WE 1574
9421 Towey John @ AV 1172
9425 Macias Rodolfo @ AV 9862
9429 Miller Ervin E @
9432 Rokerts David @
9432 Rokerts David @
9433 Smith Paul E @ AV 8627
9440 Monear Clifford C @ AV 120:
9445 McDaniel Fred E @
9449 VanDinter John
9450 VanHee Edw @ AV 9965
9457 Fiedler Benj E @ WE 0627
9460 Nordlund John S @ WE 3266
W Roxbury Interse

14TH AV W — From Van Bur av and N Garfield, north W Blaine interset 1914 Viscon Marcel @ AL 0380 1916 Brown Violet Mrs @ AL 3752 Slattum Robt S AL 9943 W Newton Interset AL 5733 Petrick John S

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2011 Diamond Gus T ® GA 0401
2022 Hudi Waler J ® AL 0308
2022 J Nacant
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2024 Lettich Sylvester O GA 8126
2023 Vacant
2029 Gariand Lee W ® AL 2880
2032 Helgerson Matt ® GA 5986
2036 Gilbert Verna T Mrs GA 1785
2041 Cullfoll Thos J ®
2041 Sopr Norman A AL 4758
2051 Wachke John O ® GA 6580
2052 Soderback Hannah GA 1761
2058 Nuzum Fred T
2059 Medley Kenneth G ® GA 8768
2060 Watkins Donald G @ GA 6477
W Boston intersects
2006 Austin Ethel H Mrs ®

2208 Austin Ethel II Mrs @

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CA 4514
Brough Chas E
Dahl Virginia A Mrs GA 7528
Morales Victor M GA 1384
Dakan Lewis GA 8414
St. John Franco Mer. (c) 2214 St John Frances Mrs @ GA 3606

2215 Marlett Chas D 2216 Hellem Glenn E @ GA 4162 2217 Tennant Thos GA 4587 2219 Vacant

2210 Vacant
2220 Tuorila Ernest (GA 3450
2221 Vacant
2227 Vacant
2227 Forman Vivian I,
2228 Forss Nels O (GA 0992
2229 Kristjanson Julius T (AL 3583
2229 APIPOR Lee E GA 0152
2233 Jackson Theresa A Mrs
Lambert Eldon G AL 7593
Lambert Eldon G AL 7593
Lawell Wm K
2234 Helms Thos W AL 0476
2239 Walsh Alf A GA 6590
Sutton Alf D (GA 6942
2240 Vacant

Sutton Alf D @ GA 6942

2240 Vacant
2216 Caulkins Russell A @ GA 2819

2247 Joelson John E @ GA 5191

2249 Rosthe Geo E @ GA 5191

2253 Compton Donald L @ A 0526

Ryder Edison J GA 3707

2257 Midthun Everett L AL 9310

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2257 Barr Timer C GA 7238

2258 Crandall Norma Mrs

2260 Thompson Harry M @ GA 4200

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W Wheeler intersects

2532 Fadness Olo K ® GA 2122
2542 McGill Jas M GA 2072
Stahl Chas A Jr GA 7784
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2552 Hubort Jerry A AL 6266
Swanson Carl E ® AL 6288
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2506 Hamman Mathilda M Mrs © GA 7309
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2572 Hogan Bernard M GA 0645
2612 Jenkins Donald J © 2617 Temple Apartments
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3691 Maple Leaf Apartments 7674106
19 Baccomb Angels 767-4273
24 Fouter Belinds 762.2918
3 Jones Noble
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501 Maple Leaf Apartments 702 5006
1 Green Carolyn 707 4276
2 Vacant
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5 No Return
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208 No Return
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208 Mr Donald Rovanne D 783 (256)
209 Livingston Raymond Jr 767-8521
210 No Return
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1#Geronimo Teodoro 1 762 735st
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3 Belbeck Brian R 767 5486
4 Mguyen Sam
5 Cruz Edw C 763 2410
6 Mader Vance 63
7 Bannon Paul 763 7620
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3021#Huyeh Aub Kim 763 8645
3023#Nghtem Nghiep Kham 762 4855
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4115 Pellegrim Vincene W 40 762 1660

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4116 Pellegrim Vincene W 40 762 1660

4117 Carolin Larve W 40 762 1664

4122 Pringle Edita F 762 7434

4123 Pringle Edita F 762 7434

4124 Pringle Edita F 762 7434

4125 Colorin Green B 767 7634

4126 Colorin Los 20 762 4664

4127 Pringle Edita F 762 7434

4128 Voung Roy A 40 40 762 4634

4129 Voung Roy A 40 40 762 4634

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4181 Johnson Hall N 40 762 9141

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1 Vacant
2 Golber Tanya 1, 767 5846
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4 Jones Robe H 707 5921
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4509#Anderson Roger
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4809#Beteler Roy H Jr @
  523 for heture

5284#French Larry 767 2349

5236 Cornett Donald K.

5238 Brunwell Kesti, 767 6602
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SW FINDLEY ST INTERSECTS
SW JUNEAU ST INTERSECTS
SW RENNY ST INTERSECTS
SW RAYMOND ST INTERSECTS
SW GRAHAM ST INTERSECTS
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S LAICHE ST INTERSECTS
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8 HARDY ST INTERSECTS
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SW 49 JLAY ST INTERSECTS

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8547 El Tejano Restauram 767 5048
8554 Reb Auto Parts 762 3767
8555 Mordock's Lavern 762 5164
8550 CADVERDALE INTERSECTIS
8560 Capri Pizzera 762 9447
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Beeks Bouth Park Beauty Shop 767 4917

8011 Yucant
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Center 767-1448
8010 Apartments
19Kitmey Gary
2 Josephson
3 Vacant
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3 Vacant
4 No. Return.
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58 IRENTON INTERSECTS
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1 Miller Then J 762 5729
28 Nagle Vincent 763 7942
38 Horan Jim

6 Frentz Ken E 767-4874
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75:17 Sherman Charles W € 753 0292
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273 7940 Kipp 7940 Kipp 7941 Kyon Chang Ho 764 4568 7944 Frye Bob 7948 Vacant

251

7941#Yon Chang Ho 764 4568
7944 Fye Bob
7948 Varant
7963 Fredericksen Gregory J ♣ 764 8468
8W ELMOROVE ST INTERNECTS
8106 Frospek Redal M ⊕ 762 4261
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8120 Almonteto James A ⊕ 767 4066
8130 Harder Randy Landscaper ⊕ 767 0819
8144 Gabrat Chemente ⊕ 763 9475
8144 Cadra Chemente ⊕ 763 9475
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Data & Diskette Safes
Alarm Systems
Access Control Systems
Television Surveillance



2401 N.W. Market, Seattle 98107

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1766 N.W. Market St. Seattle, WA 98107

> Telephone 782-4213



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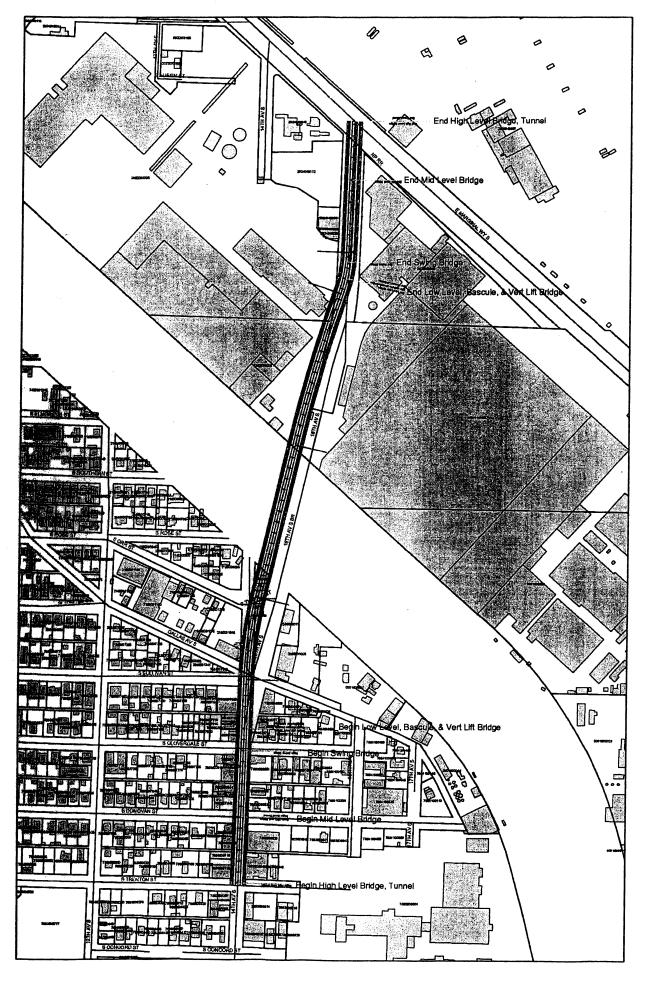
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Form 2 Notification of Dangerous Waste

Appendix C

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FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

Notification of Dangerous Waste Activities Forms

WAC 173-303-210, Generator recordkeeping, paragraph (2), states in part "... The generator shall keep a copy of his most recent notification (Form 2) until he is no longer defined as a generator under this chapter."

The Use of Terms "Hazardous" and "Dangerous" Waste

The terms "hazardous" and "dangerous" will be used interchangeably throughout these instructions. Both refer to the full universe of wastes regulated by the state of Washington under Chapter 173-303 Washington Administrative Code (WAC) and the United States Environmental Protection Agency (USEPA) under Title 40 in the Code of Federal Regulations (CFR) Part 261. The state regulations include all wastes regulated by the Federal government. Fully regulated wastes are limited to those quantities generated or accumulated in excess of the quantity exclusion limit (QEL). The QEL for many common waste streams is 220 pounds generated per month or 2,200 pounds maximum accumulation. Other terms used throughout these instructions may be found in the glossary beginning on page 15.

The Use of Terms "RCRA Site Identification Number" and "EPA/State Identification Number"

The term "RCRA Site Identification Number" replaces "EPA/State Identification Number" throughout these instructions. Both refer to Notification and Identification Numbers as referenced in the Washington Administrative Code (WAC), 173-303-060.



FORM 2 NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

Washington State Department of Ecology Attn: DW Notifications P. O. Box 47658 Olympia, WA 98504-7658 (360) 407-6737

Date Received:

Note: Failure to properly and completely fill out your form may delay processing and/or cause your form to be returned for completion. Associated page numbers with detailed instructions are listed for each section.

comp	pletion. Associated page numbers with de	tailed instruction	ns are listed for each sect	ion.			
1.	Notification. Please select one of the						
	1.a.□ New notification OR	1.b. Existin	g RCRA Site ID# WA				
	if 1.a., complete entire form	•	e desired action below and			te.	
			Revise Notification (com				
Г	DEPARTMENTAL USE ONLY		Indicate which section		•	∌d	
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2.	Site Information (p.7)						
	Company Name						
	Site Location						
	City/State/Zip		Count	y			
	Revenue Number						
	NAICS Code		Type of business				
3.	Company Mailing Address (p.7)						
	Name		V				
	Address						
	City/State/Zip		Fax Number _				
4a.	Legal Owner of this site (p.7)			4b.	Legal Owner	rship 7	Гуре
	Name			Plea	se Circle		
	Mailing Address			_		_	. .
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	City/State/Zip			l =	Tribal Trust		Private
	Phone ()	ext_		C =	County	M =	Municipal
	Owner Since			D =	District	O =	Other
5a.	Land Owner of this site (p.8)			4b.	Land Owners	ship T	уре
	Name			Plea	se Circle		
	Mailing Address			F=	Federal	S=	State
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Nar	ne of Site (same as section	2)		
6.	Site Contact for visits and	l inspections (p.8)		
	City/State/Zip	m>cm> m> m		L
	Phone ()	EXIE-Mail	Add	iress
7.	Forms Contact for notification	ations and annual reports (p.8)		
	Name/Title			
	Mailing Address			
	City/State/Zip			
	Phone ()	EXT E-Mail	Add	lress
8.	Hazardous Waste Generat	or Status and Activities		A Land of the standard and the
_		status by checking the appropriate b	oxes	
	B.a. Dangerous waste acti		T 4	8.b. Used oil fuel activities (p.11-12)
2.	Generator Qa. Greater than 2,200 lbs Qb. 220-2,200 lbs Qc. less than 220 lbs Frequency Qa. Monthly Qb. Batch Qc. One-Time Only* Transporter (indicate mode in boxes 1-5 below) Qa. Transport own waste Qb. Transport for commercial purposes Qc. Transfer facility Mode of Transportation Q1. Air Q2. Rail Q3. Highway Q4. Water Q5. Other-	5. Dangerous Waste Fuel Activity Qa. Generator of Fuel Qb. Generator Marketing to Burner Qc. Other Marketers (i.e., blender, distributor) Qd. Burner (indicate type of combustion unit Q1. Utility boiler Q2. Industrial boiler Q3. Industrial furnace Qe. Deferrals/Exemptions (in federal registers only) Q1. Smelter deferral Q2. Small quantity exemption Q3. Other (list) Q6. Immediate recycler Q7. Permit by Rule facility Q8. Treatment by Generator	3.	Used oil fuel marketer □a. Directs shipment of used oil to used oil burner □b. First claims the used oil meets the specifications Used oil burner – indicate type(s) of combustion device(s) □a. Utility boiler □b. Industrial boiler □c. Industrial furnace Used oil transporter – indicate type(s) of activity(ies) □a. Transporter □b. Transfer facility Used oil processor/re-refiner – indicate type(s) of activity(ies) □a. Process □b. Re-refine
4.	Treater, Storer, Disposer Activity (at installation). Note: A RCRA Permit is required for this activity. Qa. Treatment Facility Qb. Storage Facility Qc. Disposal Facility Qd. Is activity for waste generated on-site Qe. Is activity for waste generated off-site Qf. No longer RCRA-TSD Active	□9. Mixed Radioactive □10.LQHUW (Large Quantity Handler of Universal Waste) □a. Batteries □b. Mercury containing thermostats □c. Lamps		

*Once you have disposed of the waste, you must complete a notification to withdraw/cancel the site RCRA Site ID number.

	RA Site ID # me of Site (s		tion 2)			
9a.	9a. Waste Description (p.12)					
9b.	Waste Cod 1. Listed (3-9903, and -(090): Fill in t	hose codes that best describe your waste(s).	
	2. Charact	eristics (WA	C 173-309-09	0): Identify (circle or fill in) those codes that best describe your waste(s).	
	Ignitable	D002 Corrosive	WSC2 Solid Corrosive	D003 Reactive	TCLP	
10. C	WT01 W Toxic		01 WP02 WP0 Persistent		1 WL02 opack	
•						
	If you are W date your re	n and date the p a copy for y plete the con ithdrawing/Ca	e notification frour files? rect sections canceling your erous waste a	of this notific	ation form to fit your situation? (See section 1 – Notification). D number, you are responsible for annual reports up to the led. Did you submit your completed annual report with this	
l d at be	certify under per tached docume	nalty of law tha nts, and that b ubmitted inform	t I have person ased on my inq nation is true, a	ally examined uiry of those occurate and o	rocessed without a signature If and am familiar with the information submitted in this and all individuals immediately responsible for obtaining the information, I complete. I am aware that there are significant penalties for submitting nament.	
Si	gnature	***************************************		Name and	d official title (type or print) Date signed	

NOTIFICATION OF DANGEROUS WASTE ACTIVITIES INTRODUCTION

Who must file?

The Resource Conservation and Recovery Act of 1976 (RCRA), federal hazardous waste regulations, and Chapter 173-303 WAC, Washington State's Dangerous Waste Regulations, require anyone who generates or transports regulated quantities of hazardous waste, or who owns or operates a facility for transferring, recycling, treating, storing, or disposing of hazardous waste to notify the USEPA and the Washington Department of Ecology (Ecology) of their activity. Filing a notification with Ecology will also satisfy the requirement for USEPA.

If you generate, transport, offer for transport, transfer, recycle, treat, store, or dispose of regulated quantities of hazardous waste without filing a notification and obtaining a RCRA Site ID#, you may be subject to civil and criminal penalties.

What is a RCRA Site ID#?

The required RCRA Site ID# you are applying for is not a permit or license. It is an identifying number used for tracking wastes from their point of generation to final disposal. The Uniform Hazardous Waste Manifest system (EPA Form 8700-22) is the primary mechanism to ensure that wastes reach their intended destination. The transporter and the receiving facility signatures on the manifest you have prepared and sent with the shipment provide some assurance that the waste has been properly handled.

Are RCRA Site ID#s Site Specific?

A RCRA Site ID# is assigned to every site that is regulated by Chapter 173-303 WAC. The RCRA Site ID# for generators and TSDRs are site specific. Identification numbers designate the locations where wastes are generated and managed. If you change your business location and will be conducting regulated waste activity, you must obtain a RCRA Site ID# for your new location. The RCRA Site ID# originally assigned to your site may not be used for waste generated at any other site.

How many forms should be filed?

You are required to submit one notification form per site. If you conduct hazardous waste activities at more than one site, you must submit a separate form for each location. Filing a notification with Ecology will satisfy the filing requirement for USEPA. The RCRA Site ID# assigned will be used for both State and Federal purposes.

- If the site ownership information provided on this form changes, a revised notification must be completed and submitted to Ecology. In order to reduce unnecessary paperwork, Ecology will now accept the verification form from your annual report to notify us of an ownership change.
- ■If you add or drop any of the following dangerous waste activities, a revised notification must be completed and submitted to Ecology: permitted treating, storing and/or disposing including interim status, immediate recycling, transporting, permit-by-rule and/or treatmentby-generator, used oil activity, transfer facility or universal waste activity.
- ■If your facility location changes, you must submit two of the enclosed Form 2s, marking one a "new notification" to apply for a RCRA Site ID# for your new site and marking the other as a "withdraw/cancel," or "revision" for your existing site (whichever applies). Additional copies of the form may be made from the originals in this booklet. Additional booklets may be requested by calling (360) 407-6737 or by contacting any of Ecology's regional offices. (See map on page iv for further information.)
- ■If you are no longer in business, no longer occupy this site, or no longer generate regulated amounts of waste, a withdraw/cancel notification must be completed and submitted to Ecology.

Where should I submit my completed form?

Submit completed forms by mail to:
Washington Department of Ecology
Attn: DW Notifications
P.O. Box 47658
Olympia, WA 98504-7658

You may express deliver the form to Ecology, if you wish. Use the following street address for deliveries:

Washington Department of Ecology Attn: DW Notifications 300 Desmond Drive Lacey, WA 98503

Telecopied (FAX) notifications are not acceptable for RCRA Site ID# assignment. You may photocopy the forms, but Ecology must receive the notification complete with original signature. All sections of this form must be completed to receive a new RCRA Site ID#. If any information is missing or not clear, the form will be returned or the information required will be requested by phone at the discretion of Ecology. You will receive a written confirmation of the RCRA Site ID# assigned within two to three weeks from Ecology. Remember, the RCRA Site ID# may only be used for the activities indicated in this notification in Section 8. If you change or add activities, a revised notification must be completed before using your RCRA Site ID# for the new activities.

What are the requirements for each category of dangerous waste activity?

1. New Generators and Transporters.

If you begin generating regulated amounts of hazardous waste and have not previously filed a notification, you must obtain a RCRA Site ID# before you offer any hazardous waste for transport. If you transport hazardous waste, you must meet all State and Federal transporter requirements. A RCRA Site ID# does not replace the requirements of State or Federal regulations and licenses for hazardous materials handling and transport. These regulations may be found in 49 CFR 100-199. For further information regarding United States Department of Transportation (USDOT) regulations, contact the Federal Highway Administration at (360) 753-9875.

2. One-Time-Only Disposal.

Notification for one-time-only disposal is essentially the same as in other situations. When a person is disposing of waste(s) on a "one-time-only" basis, a RCRA Site ID# must be requested by completing this form. Follow the instructions for "New Notification" found on page 5. In Section 8, "Dangerous Waste Activity," subsection 2, "Frequency," mark box C "one-time only." Normal processing and assignment of a permanent number will then occur.

Once you have disposed of the waste, you must complete a notification to withdraw or cancel the site RCRA Site ID#. Your reporting requirements will be satisfied after all of the following conditions are met:

- all regulated waste generating or management activities have ceased at this site;
- ■all regulated wastes have been removed from the site under a proper manifest and waste receipt confirmation has been obtained or secured from the receiving facilities; and

FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

■ A Dangerous Waste Annual Report has been submitted for the calendar year you are requesting to withdraw/cancel the RCRA Site ID#. Report forms for the previous calendar year are mailed to each site with a RCRA Site ID# during the month of December. If you do not receive a Dangerous Waste Annual Report, by December 31, or if you would like information about how to file your report earlier in the year, call Ecology at (360) 407-6734 and request one in time to meet the statutory March 1 deadline.

3. Treatment, Storage, and Disposal Facilities (TSD).

If you own or operate a waste management facility where hazardous waste is currently treated, stored, or disposed and:

- you did not file a notification prior to November 19, 1980 for wastes designated by 40 CFR Part 261; or
- you did not file a notification prior to March 10, 1982 for wastes designated by Chapter 173-303 WAC and not designated by 40 CFR Part 261; or
- you did not file a notification within ninety (90) days of the date you first became regulated pursuant to changes or amendments to State or Federal regulations;

then you must obtain a hazardous waste final facility permit to continue your hazardous waste TSD activities.

If you plan to open a new hazardous waste TSD, you must obtain a hazardous waste permit before beginning operations. Call the Ecology regional office nearest you for information regarding TSD permits. (See map on page iv for this information.)

If you are a generator, following the guidance of Ecology's Technical Information Memorandum (TIM) 96-412, *Treatment by Generators* (revised May 1999), see the instructions for "Treatment by Generator" found on page 10.

4. Emergency RCRA Site ID#'s.

In the case of emergencies, contact your nearest Ecology regional office (see map on page iv for further information). An Ecology regional inspector must declare an emergency and the need for an emergency RCRA Site ID#. The inspector will authorize clean-up and shipment of spill material as necessary. There are no other provisions for emergency RCRA Site ID#s.

Determining if your waste is dangerous

Washington's Dangerous Waste Regulations require generators to designate any solid waste that is not specifically exempted by Ecology. Waste designation is a procedure to determine whether or not a solid waste is a dangerous waste (DW) or an extremely hazardous waste (EHW). Dangerous waste codes and their associated Quantity Exclusion Limits (QELs) are identified for each waste during designation. The waste codes and QELs, together with the number of pounds of each waste that are generated each month determine your site's generator status.

Steps for Designating Your Waste

To designate your waste as a dangerous waste, follow the sequential steps below. Reference Chapter 173-303 WAC as needed.

1. Discarded Chemical Product List:

First determine whether your waste is a discarded chemical product, as explained in WAC 173-303-081. All unused chemicals that, when discarded, constitute a dangerous waste are listed in WAC 173-303-9903. Use this list to locate and identify the appropriate waste code.

2. Dangerous Waste Sources List:

If your waste appears on the Dangerous Waste Sources List, or if it results from the management of one of the wastes on that list, then you must designate the waste as a dangerous waste. WAC 173-303-082 explains how to designate a waste based on its source. The full list of specific sources and non-specific sources are provided in WAC 173-303-9904.

FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

A waste cannot designate on both of the previous lists, unless mixing has occured. If a listed waste code applies to your waste, enter it in Section 9b.1 of this notification.

3. Characteristic Dangerous Waste:

If your waste does not appear on either of the lists above (steps 1 and 2), or if it will be land disposed, check WAC 173-303-090 for each of the following four general characteristics:

- Ignitability (D001)
- Corrosivity (D002, WSC2)
- Reactivity (D003)
- **■** Toxicity TCLP (D004-D043)

If a characteristic waste code applies to your waste, enter it in Section 9.b.2 ofthis notification.

4. Dangerous Waste Criteria:

If your waste did not designate with a listed or characteristic code in the preceeding steps, check WAC 173-303-100 and WAC 173-303-104 for the following dangerous waste criteria:

- Toxicity (WT01, WT02)
- Persistence (WP01, WP02, WP03)

Under the following special conditions, even if your waste designated as a listed characteristic or criteria waste, further designation under the criteria is required because it may change your generator status and/or how the waste must be managed (refer to WAC 173-303-070(5)).

- You want to qualify for small quantity generator (SQG) status.
- Your waste is discharged to a publicly owned treatment plant (POTW) operating under a permit-by-rule (PBR).
- Your waste designates as a state-only dangerous waste and it will either be burned for energy recovery as used oil or land disposed within Washington State

Note: W001 waste can no longer be burned or managed as used oil.

If a criteria waste code applies to your waste, enter it in Section 9.b.3 of this notification.

This is a very general guide to the procedures for designation found in the text for actual regulatory language and designation procedures. Copies of Chapter 173-303 WAC may be obtained by calling Ecology's regional office nearest you or the headquarters office in Olympia. See the map on page iv for phone numbers and addresses.

NOTIFICATION OF DANGEROUS WASTE ACTIVITIES LINE-BY-LINE INSTRUCTIONS

Type or print in blue or black ink. Space is provided in Section 10, "Comments," for clarification or continuation of entries. If additional space is needed, please use and attach as many sheets as necessary. Title each sheet "Continuation Sheet for Notification Form," and include your company name and the date in the upper left corner of the sheet.

For the name and address information requested, if you need to repeat a particular name or address for more than one question, you may simply specify "Same as question XX" (e.g., if the site mailing address in question 3 is the same as the location address in question 2, write "Same as 2" in the space for question 3).

Please read the instruction before completing any of the questions. This will help you avoid having to correct portions of the notification. Do not leave any of the questions blank—you must at least write "Same as..." on the first line of the question.

1. Action to be taken on this notification for a RCRA Site ID#

Place an "X" in the appropriate box and follow its specific instructions.

1.a. New Notification

If you have not previously applied for or been assigned a RCRA Site ID# for this location, mark this box and complete all sections of the form. For additional guidance please refer to page 2.

1.b. Existing RCRA Site ID#

If this is not a new notification, complete this section by printing your existing RCRA Site ID#, the desired action, and the date this action becomes effective. For example, if your company has gone out of business, no longer occupies the site, and/or has been sold, check the withdrawal/cancel box and indicate the effective date when the last of the dangerous waste was removed from the site.

■ Revise Notification

Mark this box if you are updating information previously submitted for this site and

- 1. enter the section(s) number(s) being revised. (For example, you would list the numbers 2,4,10 if you were changing your company name, ownership and waste description);
- 2. enter the date these revisions will be effective;
- 3. complete the entire form;
- 4. use Section 10 "Comments" for any details or explanations.

Ecology will confirm revised notifications by mail, in two to three weeks.

If your site location is changing, do not use the Revise Notification box. You must submit (1) a new notification to request a RCRA Site ID# for your new location and (2) a withdraw/cancel notification for your existing site.

If you previously notified as a TSD facility (see Section 8a.4) and you are requesting to delete these activities, you must complete closure before agency records can be updated. Contact Ecology's nearest regional office (see map on page iv) to initiate the closure process. Once closure is complete, Ecology will delete the TSD facility activity status from the notification listings.

■ Reactivate Site ID#

Mark this box if you wish to reactivate a previously withdrawn/cancelled RCRA Site ID#. Reactivating a number is only allowed if the same business owner that withdrew/cancelled the number is requesting the reactivation. If that is the case:

- 1. Enter the date your reactivation will be effective; and
- 2. Complete the entire form.
- * If the business is under new ownership, the applicant needs to mark the "New Notification" box 1.a. and complete the entire form.

■ Withdraw/Cancel Site ID#

Mark this box if you have discontinued regulated dangerous waste activities at this site or if you are no longer in business or no longer occupy the site:

- 1. Enter the date your dangerous waste activities stopped; and
- 2. Complete questions 1-7 and sign the bottom of the last page.

The withdrawal/cancellation of your RCRA Site ID# will be approved by Ecology after all of the following three conditions are met:

- 1. All regulated waste generating or management activities have ceased at this site;
- 2. All regulated wastes have been removed from the site under proper manifests. In the case of TSD facilities operating under interim or final permit status, the closure must be completed pursuant to Chapter 173-303 WAC; and
- 3. All dangerous waste annual reporting requirements have been completed. An annual report must be submitted for any part of a calendar year that your RCRA Site ID# is active. Annual reports for the calendar year are mailed to each site with an active RCRA Site ID# during the month of December. You may wait until December to receive your annual reporting package (due March 1) or call (360) 407-6736 to request a reporting package for early submittal.

2. Site Information

Company Name

Enter the name of your company and/or site. Identify your site in some way that separates it from others with the same name that are owned by the same organization. For example, Department of Ecology - Olympia Motor Pool and Department of Ecology - Southwest Regional Office.

Site Location

Enter the street address or location of the site identified in Section 3. If the site's geographic location is not clear, a RCRA Site ID# cannot be assigned. Do not use a post office box or route number. If the site does not have a street name and number, provide accurate geographic information such as: 1) township, range, section, and quarter-section; or 2) distance and direction from an intersection of named roads or numbered highways. Indicate the county in which your site is located in the space provided.

Revenue Number

Enter your Washington State Department of Revenue Tax Registration Account Number as it appears on your business license. Enter the nine digits only; do not enter any letters preceding the number. Contact your fiscal office or the Department of Revenue if you do not know your registration number. Do not use your federal tax number here. If you are a tax-exempt agency, enter "NA" in the first two spaces and leave the other spaces blank.

North American Industry Classification System Code (NAICS)

Enter the five or six-digit NAICS code that best describes the principal activity conducted at this site. If more than one code applies, please enter the primary code (the code that best describes the majority of products and services of your business) in the first space provided (this is the code under which your business is registered with the Washington State Department of Revenue). You may list up to three other relevant codes in the comments section, if desired. A list of NAICS codes can be found starting on page 19.

Type of Business

Provide a brief description of the type of activity that takes place at this location.

3. Company Mailing Address

Enter the complete mailing address for the site identified in Section 2. Include internal routings, such as mail stops, building numbers, or suite numbers.

4.a. Legal Owner

Provide the name(s) of the legal owner(s) of this business. Also enter the mailing address and telephone number where this person can be reached. Use Section 10, "Comments," if necessary, to list more than one owner. If the legal owner is a corporation, enter the corporate name and address.

Owner Since: Include the date that this party took ownership.

FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

4.b. Legal Ownership Type

Circle the appropriate letter which best describes the legal status of the owner of this business. If you choose "O" for Other, please specify in Section 10, "Comments."

5.a. Land Owner

Provide the name(s) of the legal owner(s) of the land upon which this business is located. Also enter the mailing address and telephone number where this person can be reached. Use Section 10, "Comments," if necessary, to list more than one owner. If the legal owner is a corporation, enter the corporate name and address.

5.b. Land Ownership Type

Circle the appropriate letter which best describes the legal status of the land on which the business is located. If you choose "O" for Other, please specify in Section 10, "Comments."

6. Contact for Site Visits and Inspections

Enter the name, job title, telephone number, and mailing address of person to contact for site visit related questions.

7. Contact for Questions on Notification Forms and Annual Reports

Enter the name, job title, telephone number, and mailing address of an authorized person within your company who is thoroughly familiar with the operation of this site and with the facts reported in this notification. If questions arise, this individual will be contacted regarding information submitted on this form, and annual reports.

8. Types of Regulated Waste Activity

Mark an "X" in the appropriate box(es) to show which dangerous waste activities are going on at this site.

The RCRA Site ID# assigned may be used for more than one activity at this location. However, this applies only if you have notified for each activity. For example, you may not transport your regulated waste if you only notify as a generator.

1. Generator

If you generate and/or accumulate a dangerous waste that is regulated by Chapter 173-303 WAC, you must mark an "X" in one of the following boxes:

- a. Large Quantity Generators (LQG)
- b. Medium Quantity Generators (MQG)
- c. Small Quantity Generators (SQG).

Estimate the weight of your monthly generation. Choose the box that best describes this estimated amount.

Selecting a Generator Category:

Mark an "X" in the box on the form a. b. or c.	that best describes your generator status:	
If y	ou have	
All waste with QEL=220 lbs.	All waste with QEL=2.2 lbs.	Mark Box:
And you estimate the weight	of your monthly generation to be:	
Greater than 2,200 lbs. per month	Greater than 2.2 lbs. per month	a.
220-2,200 lbs. per month		b.
Less than 220 lbs. per month	Less than 2.2 lbs.	c.
Greater than 2.2 pounds of acute haz	ardous waste or WT01 waste.	a.

2. Frequency

Mark an "X" in the box that best describes the frequency of your generation. If you generate waste at least once each month, mark a. Monthly. If this waste disposal is a one-time only occurence, mark c. One-Time Only. In all other cases, mark b. Batch.

3. Transporter

Transporters are those who physically move waste off-site. If you transport dangerous waste, mark an "X" in each appropriate box to indicate:

If it is your own waste, mark a.

If it is for commercial purposes, mark b.

Mark both boxes if both classifications apply, then indicate the mode of transportation. To register as a transfer facility, mark c.

Further information on USDOT regulations may be obtained from the Federal Highway Administration at (360) 753-9875.

For information regarding motor carrier safety regulations, contact the Washington Utilities and Transportation Commission (WUTC) at (360) 753-6423.

4. Treater, Storer, Disposer (TSD)

If you treat, store, or dispose of regulated wastes, mark an "X" in the appropriate box(es) to indicate where this waste was generated and to indicate which RCRA permitted activities occur at your facility. Refer to the glossary (beginning on page 15) for definitions of treatment, storage, and disposal.

Sometimes an applicant proposes a new facility or wants to significantly expand an existing facility. In that case, the applicant must write to Ecology about the proposal 150 days beforehand. In that packet, called a Notice of Intent, the applicant must show that the site meets criteria for siting dangerous-wastes. A new facility must show it meets the criteria before the permit process can continue. An existing facility that does not meet the criteria can show that it will make the site safer to operate. This notice of intent triggers a meeting that the applicant sponsors. For more information contact Ecology's Hazardous Waste and Toxics Reduction Program:

Telephone: (360) 407-6700

Address:

Department of Ecology - HWTR

Fax: (360) 407-6715

PO Box 47600

TDD: (360) 407-6006

Olympia WA 98504-7600

5. Dangerous Waste Fuel

If you market dangerous waste fuel, place an "X" in the appropriate box(es). If you burn dangerous waste fuel on-site, place an "X" in the appropriate box and indicate the type(s) of combustion devices in which dangerous waste fuel is burned.

Notifying for Dangerous Waste Fuel Activities (WAC 173-303-510)

	Managurg Dangerous Waste Fools for Energy Recoveryal	Managing Exempt Waste Derived Puels Under Section 120
Generators & a service was a service of a	Yes	No
dhanspalice 2015 - Tolkers	Yes	No
Than significantly (owner/operator) and it	*	No
Distributar surb/forl/striketor : 74 2 2 2 3	Yes	No
althorise (nocesor) ar product of the	Yes	No
Buings des seine se ven des services	Yes	No

^{*}Dangerous Waste Transfer Facility owner operator must register site with Department of Ecology's Hazardous Waste Program.

Refer to the chart on page 11, "Notifying for Used Oil Fuel Activities" to determine if you need to notify, and refer to the glossary (beginning on page 15) for terms used.

6. Immediate Recycler

If you commercially receive and immediately (within a 24-hour period) recycle wastes generated off-site, mark an "X" in this box.

7. Permit by Rule Facility

If you do not require a dangerous waste facility permit due to your qualification for permit by rule status, mark an "X" in this box. Refer to the glossary (beginning on page 15) for the definition of permit by rule.

8. Treatment by Generator

If you are a generator treating your own waste on-site, in accumulation tanks or containers per the standards established by Technical Information Memorandum (TIM) 96-412 (revised May 1999), *Treatment by Generators*, mark an "X" in this box. (The TIM may be obtained by contacting the regional office nearest you or Ecology's headquarters. See map on page iv for this information.)

In addition, use Section 10 on the form, "Comments," to note: (1) whether the treatment is a multi-stage and/or multi-vessel process; and (2) whether the treatment is being done in accordance with a process-specific Focus associated with the TIM; for example, filtration or elementary neutralization, or, if not, that the TIM and applicable rules are being followed.

9. Mixed Radioactive

A radioactive waste, as defined by the Atomic Energy Act, which is mixed with a dangerous waste. This waste is regulated under RCRA as well as the Nuclear Regulatory Act and must be reported on these forms.

10. Large Quantity Handler of Universal Waste (LQHUW)

A universal waste handler who accumulates 11,000 pounds or more of universal waste (batteries, thermostats, or lamps, calculated collectively) at any time. Lamps have their own LQHUW of 2,200 pounds.

11. Used Oil Fuel Activities

Use the chart below to determine if you need to notify Ecology for your used oil fuel activities. If you have questions, refer to the glossary (beginning on page 15), the full text of Chapter 173-303 WAC, or contact the nearest Ecology regional office or Ecology headquarters in Olympia (see map on page iv).

Used Oil Fuel Activities

Mark an "X" in the appropriate box(es) on the form to indicate which used-oil fuel activities are taking

place at this site.
Notifying for Used Oil Fuel Activities (WAC 173-303-515)

110thying 101 Co	Cu On I won I keen .	10200 (77220 275		CONTROL NO. 1 TO SECURE OF SECURITION OF SEC
, 0	Minighip Oction to A	Managing on Spec	Managing Off-spec	Burning Used Oil You
	Resysting (burning mest	*Used Oil for Energy = 15		i Generate On Site in
	digital in toxical page 1	A Recovery 2	Recovery !! /	Space Heater 3.
i designatore del 14 Maria	No	No	No	No
dija neponeji 💎 📜 💸 🚉	Yes	Yes	Yes	No
Them is the die				
Moward (optimited)	Yes	Yes	Yes	No
Maringers volume	N/A	Yes	Yes	No
Bunice State	N/A	No	Yes	No
Bode sovikeingilb.	Yes	Yes	Yes	No
(collection (continue)	No*	No*	No*	No
Argiegation Point	No	No	No	No

^{*}Collection Center's are required to obtain, be registered, licensed, permitted, recognized by a state/county/municipal government to manage

1. Used Oil Fuel Marketer

If you market off-specification used oil directly to a burner, mark a.

If you are the first to claim the used oil meets the used oil specification established in WAC 173-303-515, mark b.

(Used oil generators are not required to notify unless acting as a marketer.)

2. Used Oil Burner

If you burn off-specification used oil fuel, place an "X" in the box(es) to indicate the type(s) of combustion device(s) in which off-specification used oil fuel is burned. (Refer to the glossary beginning on page 15 for complete descriptions of each device.)

3. Used Oil Transporter and Transfer Facilities

If you transport used oil and/or own/operate a used oil transfer facility, place an "X" in the appropriate box(es) to indicate this used oil activity.

^{**}When you generate used oil on-site, you are also a used oil generator.

FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

4. Used Oil Processor/Re-refiner

If you process and/or re-refine used oil, place an "X" in the appropriate box(es) to indicate this used oil activity.

9.a. Waste Description

Please describe the waste stream as you best recognize it (e.g., "used paint thinner"; "electroplating waste water;" etc.)

Transporters requesting a RCRA Site ID# do not need to complete this section, but must sign the "Certification" in Section 12. Only people involved in dangerous waste generation need to complete Section 9.

9.b. Waste Codes

Mark or provide the dangerous waste codes assigned during your waste designation procedures. If you are not certain of the designation process, please request assistance from your waste contractor or a hazardous waste specialist at one of Ecology's regional offices. See map on page iv.

1. Listed

Using scientific data, USEPA has identified hundreds of discarded chemical products and residuals from many industrial processes that are always dangerous wastes. In addition, W001 waste is a state listed waste and must be recorded in 9b.

Example 1: Spent degreasing solvents containing > 10% methylene chloride in the original product are assigned the waste code F001.

Example 2: Waste from dry cleaning products originally containing >10% perchloroethylene carries the waste code F002.

Example 3: Discarded, unused Aldrin pesticide carries the waste code P004.

2. Characteristics

Exhibits a trait identified as dangerous such as ignitibility, corrosivity (including state waste-solid corrosive), reactivity, or production of a toxic leachate due to the presence of certain metals, pesticides, or organic compounds.

Example 1: The waste from many mineral spirit or petroleum naphtha parts washers is *ignitable* (D001) and may be contaminated by metals such as *cadmium* (D006), *chromium* (D007), and *lead* (D008).

Example 2: The waste photographic chemicals from many film processing laboratories may be contaminated with more than five parts per million (ppm) of silver (D011).

3. Criteria Dangerous Waste (State-only)

Ecology also regulates waste that designates for toxicity and persistence. For ease of documentation and transport, Ecology developed codes for labpack wastes (WL01 and WL02).

FORM 2: NOTIFICATION OF DANGEROUS WASTE ACTIVITIES

10. Comments

This space may be used to complete or clarify any entry. If used, provide a cross reference to the appropriate section number.

11. Notification Checklist

In order to avoid common oversights, Ecology has provided this checklist to ensure the completion of your notification.

12. Certification

The owner or operator of the site or his/her authorized representative must sign and date the certification where indicated. The printed or typed name and title of the person signing the notification must also be included where indicated. Sign in ink. A completed document with an original signature must be received by Ecology to be processed. Ecology cannot accept documents with photocopied signatures.

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Federal, State, and Local Regulations and Permit Requirements

Appendix D

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Regulation of Hazardous Materials in Soil, Groundwater, and Sediment

Action	Requirement	Prerequisite	Citation
Excavation and disposal of solid wastes	Requirements for solid waste management	Solid waste (nonhazardous)	Federal: Solid Waste Disposal Act (42 USC Sec. 325103259, 6901-6991), as administered under 40 CFR 257, 258
			State: Minimum Functional Standards for Solid Waste Handling (WAC 173-304)
Excavation and disposal of hazardous wastes	Effective 11/8/88, disposal of contaminated soil or debris is subject to land disposal prohibitions of	RCRA hazardous waste	Federal 40 CFR 268 federal land disposal restrictions
	treatment standards	State hazardous wastes	State: Land Disposal Restrictions (WAC 173-303- 140, -141)
Treatment of non-RCRA hazardous waste	Special treatment requirements may be needed for state non-RCRA hazardous wastes	Non-RCRA hazardous waste	Federal: 40 CFR 257, 258 State: WAC 173-304-405
Sediment remediation	Methods for determining allowable levels of contaminants in sediment	Marine/estuarine environment	WAC 173-204; WAC 173- 240-760
Dredging/disposal	Requirements for the discharge of dredged/fill material into navigable waters or wetlands	Waters of the U.S.	CWA 33 USC 401 et seq.; 33 USC 1413; 33 USC 1251-1316; 40 CFR 230, 231, 404; 33 CFR 320-330
			Hydraulic Code Rules on Dredging (WAC 220-110- 130, -320)
			Aquatic Land Management Open Water Disposal Sites (WAC 332-30-166)

Near-Shore Construction Regulations of Soil, Groundwater, and Sediment

Location	Requirement	Prerequisite	Citation
Within 200 ft of shoreline	Requirements for construction and development near shorelines.	Shorelines of statewide significance, including marine waters and wetlands	Shoreline Management Act (RCW 90.58); Coastal Zone Management Act (16 USC 1451 et seq.)
Within 100-year floodplain	Facility must be designed, operated, and maintained to avoid washout.	RCRA hazardous waste	40 CFR 264.18(b); 40 CFR 761.75
Within floodplain	Actions must be performed so as to avoid adverse impacts, minimize potential harm, restore and preserve natural and beneficial values of the floodplain.	Actions that will occur in a floodplain (i.e., lowlands) and relatively flat areas adjoining inland and coastal waters and other floodprone areas	Executive Order 11988, Protection of Floodplains (40 CFR 6, Appendix A)
Within/adjacent to wetlands	Action must be performed so as to minimize the destruction, loss, or degradation of wetlands. Requirement for no net loss of remaining wetlands.	Wetland as defined by Executive Order 11990, Section 7	Executive Order 11990, Protection of Wetlands (40 CFR 6, Appendix A). EPA Wetlands Action Plan. Jan 1989, OWWP.
Critical habitat upon which endangered or threatened species depend	Actions must be performed so as to conserve endangered or threatened species, including consultation with the Department of the Interior.	Determination of endangered or threatened species	Endangered Species Act of 1973 (16 USC 1531 et seq.); 50 CFR Part 200, 50 CFR Part 402
Oceans or waters of the U.S.	Permit requirements for activities that may obstruct or alter a navigable waterway.	Obstruction or alteration of a navigable waterway	Section 10 of the Rivers and Harbors Appropriations Act (33 USC 403)
Within state siting criteria locations for dangerous waste facilities	Siting criteria to be sued as initial screen for consideration of dangerous waste facility sites.	New dangerous waste facilities	WAC 173-303-282(2)(b)(iii)
Habitat for fish, plants, or birds subject to WDFW	Prohibits water pollution with any substance deleterious to fish, plant life, or bird life.	No prerequisite	US Fish and Wildlife Coordination Act. 16 USC 661 et seq.
Harbors, tidelands, shorelines, or beds of navigable rivers	Siting criteria and requirements for fill operations.	No prerequisite	Constitution of the State of Washington (RCW 79.90.020; WAC 332-300- 117, -118)

Regulatory Requirements for Soil, Groundwater, and Sediment

Regulation	Requirement	Prerequisite	Citation
Resource Conservation and Recovery Act (42 USCA 7401-7642) (40CFR 260- 280)	Criteria for identifying hazardous wastes.	Prior to September 25, 1990, meets threshold levels for EP toxicity; after September 25, 1990, meets threshold levels for TCLP	Criteria for Identifying the Characteristics of Hazardous Waste and for Listing Hazardous Waste (40 CFR 261.24.10-11, Subpart B)
Washington Dangerous Waste Regulations (WAC 173-303)	State criteria for dangerous waste which are broader than federal criteria.	No prerequisite	Section 070
Federal Water Pollution Control Act/Clean Water Act (CWA) (33 USCA 1251- 1376; 40 CFR 100-149)	Ambient water quality criteria for the protection of aquatic organisms and human health.	Discharge to surface waterbody	40 CFR 131
Washington State Water Quality Standards for Surface Waters	State Water Quality Standards; conventional water quality parameters and toxic criteria.	Discharge to surface waterbody	WAC 173-201-045, -047
Model Toxics Control Act (WAC 173-340)	Requirements for establishing numeric or risk-based standards and selecting cleanup actions.	State hazardous waste site	Section 760: Sediment
Washington Sediment Management Standards	Numerical and narrative criteria for sediment quality	Numerical criteria applicable to Puget	WAC 173-204-310 through -520; WAC 173-340-760
	standards, cleanup screening levels, and minimum cleanup levels.	Sound marine waters. Narrative sediment	
	minimum cleanup levels.	quality standards, cleanup screening levels,	
		and minimum cleanup levels applicable to all waters	
Clean Air Act 42 USC 7401 et seq.; 40 CFR 50-69) Washington State Clean Air Act (70.94 RCW)	National primary and secondary ambient air quality standards State implementation of	Site located in nonattainment area for National Ambient Air Quality Standards; treatment unit would be "significant source"	Clean Air Act (Sec.109; 40 CFR 50)
	ambient air quality standards.		

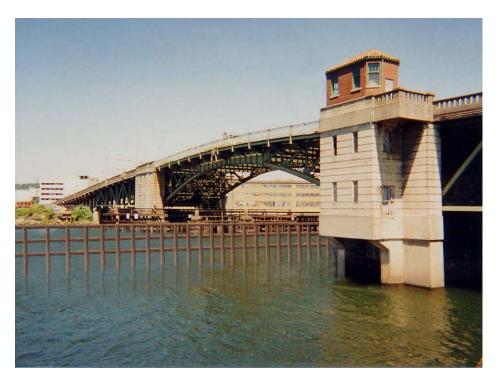
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Appendix Y. Survey of 14th Avenue S. Businesses Supplemental Analysis

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South Park Bridge Project

Survey of 14th Avenue South Businesses Supplemental Analysis



Prepared for the
King County
Department of Transportation
201 South Jackson Street
Seattle, Washington 98104

Prepared by
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July 2005

South Park Bridge Project Survey of 14th Avenue South Businesses

Supplemental Analysis

Prepared for the
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201 South Jackson Street
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July 2005

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Executive Summary

King County is proposing to rehabilitate or replace the South Park Bridge. As part of the environmental impact analysis, a survey was conducted to evaluate potential effects of the bridge project on businesses particularly in regard to persons of racial or ethnic population groups. The survey interviews were conducted with business owners and managers in the potential impact area on 14th Avenue S. from the Duwamish Waterway south to S. Director Street. The initial survey effort was conducted in the spring of 2003. The need for additional survey information led to a supplemental survey effort for the same study area in December 2004.

The combined survey results illustrate the diversity of the South Park community. A high proportion of business owners, their employees, and customers are members of racial or ethnic minority groups. It is likely, therefore, that commercial parcel acquisition for the bridge rehabilitation or replacement alternatives would affect minority populations more than non-minority populations (see Table 2). Many of the survey respondents indicated that their business could not survive relocation. A loss of businesses in South Park, especially Hispanic businesses, would resonate throughout both the South Park community and the larger Hispanic community. Based on anecdotal comments recorded following the interviews, business owners are most concerned about potential effects of the High-Level Fixed-Span Bridge Alternative. Few comments were recorded concerning any other project alternative.

1.0 Background

King County is proposing to rehabilitate or replace the South Park Bridge and is preparing an Environmental Impact Statement (EIS) on the proposed bridge alternatives. The bridge is located approximately four miles south of downtown Seattle (see Figure 1). The potential effect of the project alternatives on minority and low-income populations was identified as an issue that required additional study.

In 2003, King County requested that Parsons Brinckerhoff (PB) conduct a survey of businesses on 14th Avenue S. between Duwamish Waterway and S. Director Street. This is the extent of the community's commercial district. PB's South Park Bridge Project Team developed the survey questionnaire and conducted the initial survey effort in the spring of 2003. The results of

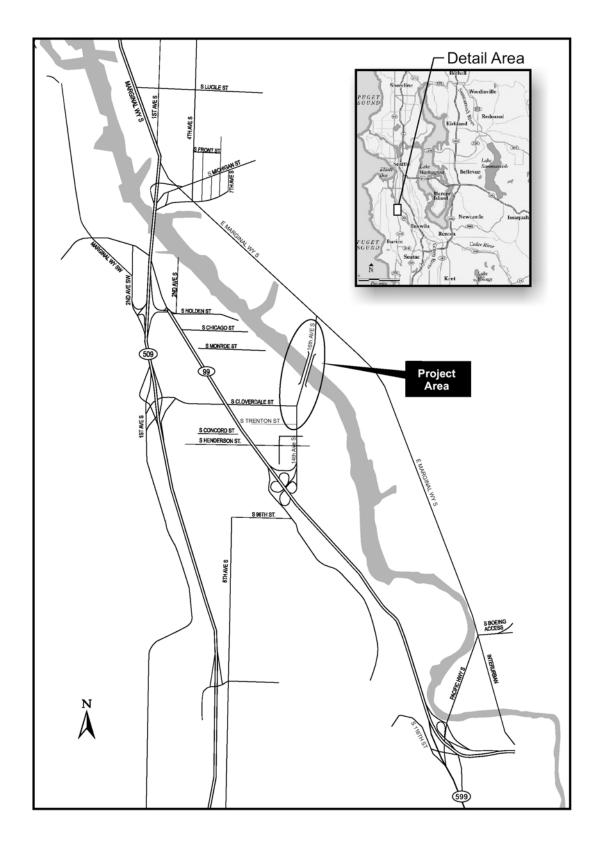


Figure 1. Project Vicinity Map

the survey were compiled in an August 2003 technical memo (Parsons Brinkerhoff 2003). This information was referenced in a draft version of the Preliminary Draft EIS that was subsequently reviewed by staff from WSDOT and FHWA. Because the information was limited to 18 completed survey responses (approximately half of the businesses in the study area), it was recommended that King County conduct a supplemental survey of the remaining businesses in the study area. The additional data would strengthen the analysis of economic impacts and environmental justice issues presented in the Draft EIS. Consequently, a follow-up survey effort was undertaken in December 2004 to fill data gaps from the initial survey results. This report describes the supplemental survey process and presents the cumulative results and conclusions from the combined survey efforts.

2.0 Approach and Methodology

Study Area

The Project Team compiled a list of businesses to be included in the supplemental survey based on the area directly impacted by the project alternatives. This area included all businesses along 14th Avenue S. between the Duwamish Waterway and S. Director Street. As such, these businesses are located on properties either crossed or adjacent to the longest alignment of the project alternatives to be evaluated in the EIS. Other businesses in South Park could also be affected but were not included in the survey because they would not be affected as directly. Figure 2 illustrates potentially affected businesses along 14th Avenue S.

Questionnaire

For the supplemental survey effort, the Project Team used the same questionnaire that was used in the spring of 2003. The goal of the survey was to answer the following questions:

- How many businesses in the area that would be potentially impacted by the South Park Bridge Project are minority-owned or -operated?
- What is the race/ethnicity of the employees working at the businesses?
- Would any adverse project impacts affect minority-owned or -operated businesses disproportionately?

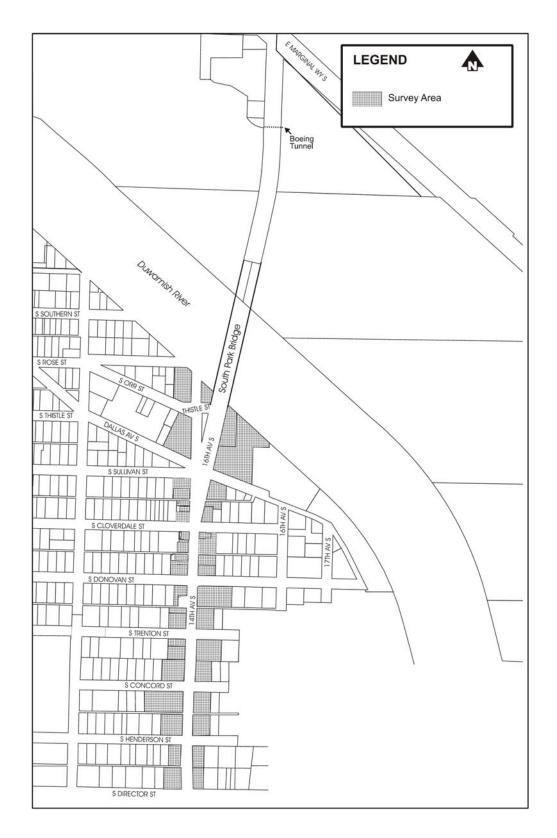


Figure 2. Potentially Affected Businesses in Survey Area

- Could the businesses affected by the project alternatives successfully relocate?
- Would relocating businesses and jobs have an adverse effect on South Park residents?

The questionnaire focused on four subject areas: the business, the owners, the employees, and the customers. Questions were designed to gain an understanding of how the businesses function and their role in the South Park community. The questions addressed the following topics:

- Type of business;
- Whether the business is owned, operated, and/or used by members of minority groups;
- Reasons for locating the business in South Park;
- Length of time business has operated from its current location;
- Where employees and customers live;
- Whether the business owner has ever considered relocation; and
- General concerns of business owners or managers about the South Park Bridge Project.

Interviews

In December 2004, King County staff interviewed owners or managers of the remaining businesses in the study area. Translation assistance was available upon request, but none of the interviewees in the supplemental survey requested assistance.

3.0 Cumulative Survey Results

Of the 38 businesses located in the study area, 35 were successfully surveyed during the initial and supplemental survey efforts. Table 1 summarizes the key findings from the two survey efforts.

Table 1. Business Survey Key Findings

QUESTIONS (Total Surveys: 35)

QUESTIONS (Total Surveys: 35)	Average	Min	Max
Years located at current address	11	1 week	56
		Owned	Leased
Property owned vs. leased		17	18
		<u>Total</u>	<u>Percentage</u>
Number of businesses with apartments attached		5	14%
Full time annularies	Average*	Min*	<u>Max</u> *
Full-time employees Part-time employees	3 2	1 0	13 15
i art-time employees		<u>Total</u>	Percentage
Owner is member of racial/ethnic minority		21	60%
Race/ethnicity of employees:			
Hispanic		320	52%
White/Caucasian		150	24%
African American/Black		45	7%
Asian/Hawaiian/Pacific Islander		76	12%
American Indian/Native Alaskan/Eskimo/Aleut		6	1%
Mixed or Other		22	4%
Businesses comprised completely of:		# Businesses	Percentage
Hispanic employees		9	26%
White/Caucasian employees		9	26%
African American/Black employees		0	0
Asian/Hawaiian/Pacific Islander employees		3	9%
American Indian/Native Alaskan/Eskimo/Aleut		_	_
employees		0	0
Mixed or Other employees			0
Businesses where:		<u>Total</u>	<u>Percentage</u>
majority of employees live in South Park		9	26%
majority of employees drive to work		24	69%
majority of customers live in South Park		17	49%
'significant share' of customers make a special		20	020/
trip to visit business majority of customers just 'drop by'		29 10	83%
		10	29% 35%
majority of customers drive to the business		28	35%
majority of customers walk to the business		3	9%
off-street parking is offered		30	86%
majority of customers are racial/ethnic minority business previously operated		22	63%
from different location		12	34%
		3	
business owner has considered relocating		3	9%

^{*}Excludes Sea Mar Community Health Center, which employs 400 full-time and 50 part-time employees. NOTE: Sums may not total 35 (total number of questionnaires completed) due to non-responses.

Owners and managers indicated a variety of reasons to locate businesses in South Park. Twothirds of the businesses have always operated from their current site, and only three have considered moving to another location. Reasons for locating in South Park generally fall into three categories:

- Businesses that provide services to The Boeing Company and other local industrial businesses;
- Businesses that cater to the specific needs of the South Park residents and the Hispanic population in the Seattle metropolitan area; and
- Businesses that seek to take advantage of the access to multiple modes of transportation and affordable real estate prices.

The most common reason given for choosing to locate in South Park was the surrounding community (nine responses). Several businesses are subcontractors to Boeing, while others support Boeing employees with services, such as restaurants. The Sea Mar Community Health Center was also stated as a reason to locate in South Park. Sea Mar Community Health Center is a community-based organization that provides health and human services to the community, specializing in services to Hispanic and low-income persons. Thus, several specialty businesses, such as Mexican restaurants and translation services, locate in South Park to take advantage of the steady flow of Hispanic patrons.

Seven business owners stated that reasonable real estate prices drew them to the South Park area. Several owners claimed it was the only location where they could afford to buy or rent property. In addition, South Park was noted for its accessibility to many modes of transportation, including highway, rail, and air (four responses).

Most of the businesses in the South Park community are small businesses that employ an average of three full-time employees and have only one store location. Eighty-six percent of the businesses surveyed employ fewer than 10 workers. The Sea Mar Community Health Center, however, has 400 full-time employees and four separate buildings in South Park. Excluding Sea Mar, the smallest business is one-person owned and operated and the largest business has 13 full-time employees. Forty-five percent of these businesses employ part-time employees.

The racial and ethnic composition of the business employees and owners interviewed reflects the diversity of the South Park community. Including Sea Mar Community Health Center, the businesses surveyed employ 619 people. Of these, 150 (24 percent) are White or Caucasian, 320 (52 percent) are Hispanic, and the remaining 149 employees (24 percent) are from African American, Asian, Native, and other racial and ethnic minority populations. Two-thirds of business owners estimated that most of their customers would consider themselves part of a minority population, as well.

The survey also inquired about employee and customer travel patterns. Seventy-four percent of surveyed respondents stated that the majority of their employees live in neighborhoods outside of South Park, including White Center, Burien, Bothell, Kent, and Beacon Hill. In addition, 69 percent of employers indicated that the majority of their employees drive to work. Approximately half of the business owners surveyed believed that the majority of their customers are from the South Park area. Eighty-three percent, however, also claimed that a significant share of their customer base makes a special trip to visit their business. Ninety percent of the respondents claimed that the majority of customers drive to their business. All of the businesses surveyed offer off-street parking.

4.0 Comments and Questions from Businesses

During the interviews, respondents were given the opportunity to ask questions about and provide comments on the South Park Bridge Project. The following statements are not quotes, but rather summaries of the various comments made over the course of all 35 interviews.

Preference for an Alternative

- I would like to repair the current bridge. If the high-rise bridge built, it will affect my business and I will probably go out of business. It is already a tough time for many businesses.
- The high-rise bridge option would impact my total operation and diminish the value of my property and my business.
- I am concerned about the high-level bridge and the impacts on property and access to businesses.

Potential Acquisition and Construction

- I need my business to have easy access, visibility and parking during construction and after completion of the project. I am also concerned about congestion during construction.
- As long as truck/trailer accessibility is maintained to my buildings, my business could survive— even through construction.
- Moving my business would affect personnel, access to customers and suppliers, and ultimately cause a loss of revenue. These costs are over and above any actual costs of physically relocating a business.
- *Is there a buy-out in case of the high-rise bridge?*
- Relocating Sea Mar medical, dental and health-related services would be a serious upheaval for us. However, in its 25-year history, Sea Mar has had an ability to overcome other serious challenges and has survived.

Other Comments

- Make South Park safer for businesses, residents and the people who visit South Park.
- How long will the process take? When will a decision be made? The time spent waiting for a decision has a direct impact on the future plans for my building and business.
- My future success depends on bridge closures, detours, re-routing of bus routes, construction noises and impact on foot-traffic.

The comments received from interview respondents did not include concerns about the need for a bridge. The comments reflect apprehension regarding construction and possible relocation. Most business representatives opposed the idea of relocating, and several stated that their business would not survive. In addition, many respondents expressed concerns about the High-Level Fixed-Span Bridge Alternative because it would require relocating most of the businesses along 14th Avenue S.

5.0 Conclusions

Based on the survey results, the questions framing the survey goals are discussed below:

How many businesses in the area potentially impacted by the South Park Bridge Project are minority-owned and/or operated?

Sixty percent of businesses are owned and/or operated by members of racial or ethnic minority groups. Approximately 75 percent of people employed at businesses in the study area would consider themselves a racial and/or ethnic minority.

Would the adverse impacts of the bridge alternatives affect minority-owned and -operated businesses disproportionately?

During the analysis, the surveyed businesses were cross-referenced to properties that would be potentially acquired. The High-Level Fixed-Span Bridge Alternative would have the most severe impact on the South Park area, with 24 businesses on the potential acquisition list. Given the high proportion of businesses owned and operated by members of minority groups, this alternative would have a substantial effect on minorities. Due to the considerable share of minorities employed in the South Park business district, however, any project alternative will affect minority populations. Table 2 illustrates the number of properties affected by each project alternative and the percentage of affected properties owned, operated, or supported by members of minority populations.

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¹ In four cases, at least two businesses occupied one property. Additionally, two businesses surveyed owned two parcels of property on the potential acquisition list.

Table 2. Proportional Effects of Project Alternatives on Minority Populations

Project Alternatives	# of Businesses Affected	Minority Owned/Operated	Majority of Employees are Minority	Significant Share of Customers are Minority
No Action	0	0	0	0
Rehabilitation	2	0	50%	100%
Bascule	4	100%	60%	75%
Mid-Level Fixed-Span	19	53%	77%	63%
High-Level Fixed-Span	24	63%	58%	63%

Note: Although 35 businesses in the study area were surveyed, not all businesses are on the potential property acquisition list.

What are the business owners' concerns?

Survey respondents' concerns addressed potential relocation and project construction and operation. Business owners worried that compensation for their property and the relocation of their business would not necessarily cover all costs associated with moving the business. Regarding potential construction impacts, the business owners requested assurances that visibility, access, and parking for their business would be maintained during construction. They also expressed concern that congestion associated with construction activities could deter customers from visiting businesses. Consequences such as these, the business owners felt, could contribute to forcing businesses to close. Survey respondents also expressed concern about long-term property values.

Could the businesses affected by the project alternatives successfully relocate?

Most owners have no interest in relocating their business. Several respondents commented that they expected that they would go out of business if they were relocated. Sea Mar Community Health Center, however, thought it could withstand relocation.

What effect would potentially displaced businesses and jobs have on community residents?

While only a small proportion of community residents work at local businesses, the commercial district is a vital place for community residents to interact. It provides retail, business, and personal services that, while limited, the community relies on. The commercial district also

houses a number of Hispanic businesses, including several restaurants and a convenience grocery store. Because South Park is a major hub of Hispanic activity, eliminating some of these businesses would likely resonate throughout the Hispanic community. As one survey respondent said: "We need something good for this area, a little town of American and Mexican people living together."

REFERENCES Parsons Brinckerhoff, 2005. Survey of 14th Avenue South Businesses, South Park Bridge Project Prepared for King County Department of Transportation. August 23, 2003.				



Appendix Z. South Park Bridge Project—Trends in Property Values

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Memorandum



To: Tim Lane, Trinh Truong, Jim Sussex

From: M. Reinfeld

Date: August 12, 2005

Subject: South Park Bridge Project - Trends in Property Values

King County proposes to rehabilitate or replace the historic South Park Bridge, located in Seattle's industrial area south of downtown. The South Park community is predominantly residential, with a mixture of neighborhood retail and services along 14th Avenue S. The Boeing Company training facility is located in the southeast corner of the commercial district. In addition, much of the area between 12th Avenue S. and 17th Avenue S. north of Dallas Avenue S. is comprised of light industrial uses. For more information on the social and economic composition of the South Park community, see the *Social Elements Technical Report* (Feb 2004).

This memo summarizes trends in property values in the South Park community and compares them to regional trends.

Methodology

To identify properties in the South Park Community, we used the King County Parcel Viewer and iMap System. Within the study area defined by census tract 112, we selected approximately 10 percent of properties in each land use category (single-family residential, commercial and industrial) at random. Relying on King County's eReal Property System, we obtained total assessed values from 2000 and 2005 for the selected properties. In addition, we researched regional property sales price information available through the Northwest Multiple Listing Service and the United States Census Bureau.

Results

For a summary of the study results, see Table 1.

Residential

Based on a review of the sampled residential properties, most residential properties in the South Park area are between .15 and .25 acres (9,000 – 11,500 square feet). Because property sizes are similar, the median assessed value is a good measure of property values in South Park. In 2000, the median assessed value of the sampled residential properties in South Park was \$95,000. By 2005, the median assessed value had risen to \$152,000, an increase of 60 percent.

We recognize that a direct comparison between home sales prices and total assessed values is not necessarily appropriate. Unfortunately, information on home sales prices is not available for small neighborhoods such as South Park. Trends in assessed values,



however, tend to follow trends in sales prices. A comparison between these two trends, therefore, is relevant. The median home sale prices in King County increased 42 percent during the study timeframe, from \$236,900 in 2000 to \$335,950 in 2005. In the City of Seattle, the median home sale price rose 43 percent between 2000 and 2005, from \$259,600 to \$372,000.

In both King County and the City of Seattle, the average annual compound change of sales prices was 7 percent from 2000 to 2005. In contrast, the average annual compound rate of property values in South Park was 10 percent during the same time period.

Commercial and Industrial

There is substantial variation in property sizes and total assessed values of commercial and industrial properties in South Park. For instance, between 2000 and 2005, commercial property values ranged from \$24,000 to over \$1,000,000. On average, the total assessed value of sampled commercial properties rose 61 percent from 2000 to 2005, or 9 percent compounded annually. During the timeframe evaluated, industrial property values increased 67 percent, or an average compounded increase of 8 percent per year.

Table 1. Summary of Property Values and Trends in South Park

Land Use	Number of Parcels Sampled	Average % Change (2000 – 2005)	Average Annual Compound % Change (2000-2005)
Residential	73	70%	10%
Commercial	24	61%	9%
Industrial	11	67%	8%
Summary	108	64%	9%

Conclusion

South Park is a predominantly residential community. Residential properties in the community are increasing by 10 percent compounded per year. In contrast, residential property values in both King County and the City of Seattle are growing only 7 percent annually. The higher rate of change of property values in South Park is likely due to the high demand for housing in the community.

cc: E. Handeland, B. Minden, Project Files